

DEPARTMENT OF THE AIR FORCE

COMMITTEE STAFF PROCUREMENT BACKUP BOOK
FY 1998/1999 BIENNIAL BUDGET ESTIMATES
FEBRUARY 1997



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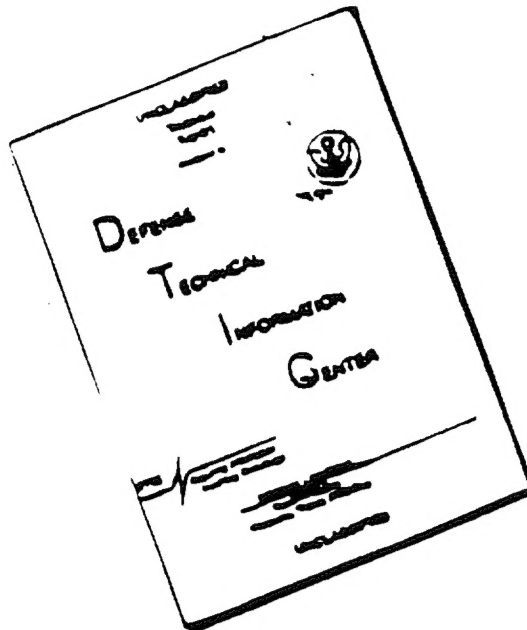
AIRCRAFT PROCUREMENT, AIR FORCE
VOLUME II

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
B-2	P-S	99999A	LOW COST SAFETY MODI					0.3	0.4	0.4		1.1
TOTAL FOR B-2				0.0	0.0	0.0	0.0	0.3	0.4	0.4	0.0	
P	110001		CONTRAIL MANAGEMENT	6.4	9.5	0.5	0.6	0.5				17.6
	110002		GFP COMSEC	0.3	0.2	0.1						0.5
	110005		MILSTAR UHF		0.0	0.0	0.2	0.2				6.8
	110006		ZSR-63 - BAND 4	25.3	0.2	0.1	0.4	0.4				26.3
	110007		BRU-44A/A BOMB RACK			1.9	1.4	0.7				4.0
	110008		DISK DRIVE UNIT (DDU	7.0	0.2	0.3	0.6	0.4				17.2
	110009		JASSM							5.0	5.0	10.0
	110010		GPS-AIDED TARGETING		0.1	0.2						4.8
	110011		POST BLOCK 30 UPDATE						7.0	7.1	26.4	40.5
	110012		SPARE COMPONENT	18.8	6.9							25.7
	110013		SPARES UPGRADES				11.8	12.9	14.0			38.7
	3150		NAVSTAR GLOBAL POSIT	0.6	0.5	1.0						4.4
	99999U		LOW COST RETROFIT M		2.2	0.5		0.1				4.2
	99999X		LOW COST MODIFICATIO	3.0	0.9	1.4	0.3	0.1	0.1	0.1		5.9
TOTAL FOR B-2				61.4	20.6	6.1	13.9	16.0	21.9	12.1	31.4	
TOTAL FOR B-2				61.4	20.6	6.1	13.9	16.3	22.2	12.6	31.4	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
B-1	P-S	10407A	AFT DC POWER	4.0	8.1	7.7	8.0	5.1	2.5			45.4
		4333	FIRE WARNING AND EXT	1.8	2.5							4.3
		99999A	LOW COST SAFETY MODI				0.1	0.0	0.0		2.4	2.5
TOTAL FOR B-1				10.6	7.7	7.7	8.1	5.1	2.6	0.0	2.4	
P	3150-R		NAVSTAR GPS - COMM U	2.9	31.2	47.7	13.4	33.3				128.3
	4165		EMERGENCY RESTRAINT			0.2	0.2	0.2	0.2	0.2		1.0
	4252		AVIONICS COMPUTERS				12.8	0.7	28.7	136.3		178.5
	4253		JDAM/1760 CONVENTION	5.2	12.7	14.0	45.6	15.8				93.2
	4255		CITS DEPLOYABLE DIAG	7.0								7.0
	4256		ECM UPGRADE					10.4	9.8	291.1		311.3
	4266		MISC ORA MODS	0.1								0.1
	4273		JSOW INTEGRATION							2.1		2.1
	4274		JASSM INTEGRATION							10.2		10.2
	4298		GENERATOR CONTROL	0.2	4.7	5.2	0.2	0.6				10.9
	4300		CONVENTIONAL BOMB	10.3	8.8	1.7						20.8
	4302		ADD'L CONVENTIONAL B			32.0						32.0
	4305		DIRECTION FINDING EN			3.4						3.4
	5013		RF TOWED DECOY SYSTE			3.0	20.4	33.1	39.1	38.5	38.6	172.6
	5047		SIMULATOR UPDATES	5.5		6.9	5.3	5.6				36.4
	5048		WIND CORRECTED MUNIT						3.8	9.2	24.3	37.3
	5050		BAND 8 BEAM STEERING			1.4						1.4

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		5051	INTERFEROMETER RCVR			1.3	0.6					1.9
		5052	WAVEFORM GENERATOR		3.9	1.3	0.3	0.3				5.8
		5055	INTEGRATED DEFENSIVE							6.9	41.6	48.4
		82U800	1122 IMPROVEMENT	10.4	9.2	5.8	1.0					45.9
		99999X	LOW COST MODIFICATIO	0.0		0.0	0.1	0.0	0.0	0.0	2.5	2.7
		T4251C	LANCER 101C	6.0	0.9							35.7
		T4251D	LANCER 101D	3.0	17.7	8.5	0.4					29.6
		T4251E	LANCER 101E			10.2	11.0	11.0	9.9			42.1
		Z88888	REPROGRAMMINGS			4.3						4.3
CLASS P			TOTAL FOR B-1		55.9	128.5	106.2	122.2	113.7	93.3	546.7	
TOTAL FOR B-1					66.5	136.3	114.2	127.4	116.3	93.3	549.1	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
B-52	P	3150	NAVSTAR GLOBAL POSIT	5.1	1.9	0.2	1.5	2.7				32.2
		3263	INTEGRATED CONV STOR	17.6	0.7	0.3	3.0	5.7	2.7			70.7
		3264	ELECTRO-OPTICAL VIEW			0.1	1.1	3.9	2.0	2.4		9.4
		3308	VINSON					0.7	0.6			3.1
		4222	ARC-210 RADIO	3.6	1.1	1.0	0.5	5.5	1.5			24.2
		4258	HARPOON	4.8	0.9							5.7
		4260	ADVANCED WEAPON			4.2	6.6	5.1				15.8
		4270	ECM IMPROVEMENT				4.7	21.9	31.3	31.5	27.9	117.3
		4371	GPS TACAN			3.0	11.5	15.6	4.7			34.7
		49203B	HIGH RELIABILITY BAT	0.1	1.3							10.8
		99999X	LOW COST MODIFICATIO	0.2			0.1	0.1	0.1	0.1		0.8
		Z88888	REPROGRAMMINGS	0.1		11.5						10.6
CLASS P			TOTAL FOR B-52	31.4	4.8	20.3	28.9	61.1	42.8	34.0	27.9	
TOTAL FOR B-52				31.4	4.8	20.3	28.9	61.1	42.8	34.0	27.9	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
F-117	P-S	99999A	LOW COST SAFETY MODI	1.1	1.1	0.0	0.8	2.7	0.0	0.0	1.0	6.0
	CLASS	P-S	TOTAL FOR F-117	1.1	1.1	0.0	0.8	2.7	0.0	0.0	1.0	
P	11324		PLATY BRICK/BLOCK RE	8.2	8.2	2.0	0.3					10.5
	11326		AP-102 COMPUTER MEMO	2.4	3.5	3.7	4.0	0.1	0.1			25.8
	11330		LONGTERM MDPS	3.7	1.1							4.8
	11331		STORES MANAGEMENT						2.4	5.4	9.9	17.7
	11332		HIGH TEMPERATURE	2.3	7.0	5.1	0.3					19.5
	3150		NAVSTAR GLOBAL POSIT		11.7	15.1	15.3	7.4	0.6			50.1
	31901		20D15 EXHAUST AREA PR		0.4							0.4
	31904		STEEL COMPRESSOR		0.5	0.3	0.2	0.1	0.2			1.3
	31907		PARKING BRAKE SWITCH	0.6	0.6	0.7	0.2					2.6
	31913		2000 HOUR COATING		0.3	0.3	0.4	0.0				3.7
	31922		HI-PRESSURE TURBINE				0.9	1.1	1.2	1.6		4.8
	31927		OMNIBUS ENGINE MODIF			0.4	0.9	0.7	0.4			2.4
	31929		ICING DETECTION AND	1.3	1.2	0.9	0.1					5.2
	31934		CREW EMERGENCY	0.0	0.1	0.1						1.0
	31936		REPLACE LIFE-LIMITED					0.2	5.0	5.2	14.0	24.4
	31937		SINGLE CONFIGURATION					8.6	16.0	16.0	33.0	73.6
	31942		OZONE DEPLETING CHEM				0.9	1.0	1.0	1.0	0.9	4.8
	31968		ENGINE ELECTRONIC CO					1.1	0.2	0.3	0.2	1.8
99999S			SERVICE BULLETINS		4.7	0.5	3.1	4.5	1.7	3.6	3.9	22.0

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		99999U	LOW COST RETROFIT M		4.0		0.9					4.9
		99999X	LOW COST MODIFICATION	0.8	1.9	0.2		1.8	1.4			8.2
CLASS P				11.1	45.2	29.2	27.5	26.6	30.2	33.1	61.9	
TOTAL FOR F-117				11.1	46.3	29.2	28.3	29.3	30.2	33.1	62.9	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
				0.0	0.2	0.1	0.4	0.1	0.5	0.1		
A-10	P-S	99999A	LOW COST SAFETY MODI	0.0	0.2	0.1	0.4	0.1	0.5	0.1	0.2	1.6
TOTAL FOR A-10				0.0	0.2	0.1	0.4	0.1	0.5	0.1	0.2	
P	CLASS P-S	18202B	TF-34 AGB LIFE IMPRO	0.4	0.5	0.6	0.6	0.6	0.3			3.0
		3150EG	EGI	11.4	13.0	31.9	21.9	24.6	25.2	36.6	10.9	203.4
	3301A		LASTE COMPUTER							4.5	18.3	22.8
	3441		IDM	6.5	3.0							16.6
	37118B		AIRBORNE DATA RECORD								4.9	4.9
	7091		COMMON AIRCRAFT MISS						0.1	0.9	27.6	28.6
	7092		NIGHT VISION IMAGING	11.1	10.3	3.1						39.5
	7142		IMPROVED AIRBORNE V				2.0	3.0				5.0
	9601		ONBOARD OXYGEN						0.4	7.8	32.6	40.8
	9602		ELECTRONIC WARFARE								19.8	19.8
	99999X		LOW COST MODIFICATIO	0.2	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.8
TOTAL FOR A-10				29.7	26.8	35.7	24.6	28.2	26.1	49.9	114.2	
TOTAL FOR A-10				29.7	27.0	35.8	25.0	28.3	26.6	50.0	114.4	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
F/R-4	P	99999X	LOW COST MODIFICATION		0.0	0.1						0.6
CLASS P				0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
TOTAL FOR F/R-4				0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
F-15	P-S	13839A	AFT ENGINE BAY FIRE	0.7	2.2	1.0						18.5
	CLASS	P-S	TOTAL FOR F-15	0.7	2.2	1.0	0.0	0.0	0.0	0.0	0.0	
	P	10211B	SECONDARY POWER				4.5	6.2	3.3	5.2	3.8	23.1
		13847B	HIGH PRESSURE WATER		8.8	8.2	2.8	1.9	0.9			54.9
		16628B	LANDING GEAR WIRING/			1.5	2.8	2.0	0.6	0.7		17.2
		16628E	LG WIRING/SWITCHES					3.7	1.2			4.9
		16701B	WING FUEL TRANSFER P		1.9							13.2
		17606B	STANDARD FLIGHT DATA	0.0		1.2						6.1
		19203A	F100-220E ENGINE UPG			23.5	23.2	22.8	43.5	70.1	187.3	401.0
		197500	MSOGS		1.4							13.7
		3150E	GPS		3.4	6.7	15.3	12.4	3.7	1.8		52.3
		3150M	NAVSTAR GPS		1.7							10.6
		3192	MSIP PROGRAM: C/D SE		9.2							404.1
		3192B	ALQ-135	122.8	1.3							556.5
		3192C	ALQ-135 P31	46.4	20.2	63.6						231.2
		6048	4TH ROBUST BLADE		1.6	2.2						5.1
		6051	1ST BLADE OUTER SEAL		1.6							1.6
		6052	2ND VANE INNER AIR S		0.1	0.1	0.2	0.5	0.4	0.2		1.5
		6054	HYBRID NOZZLE COKING		5.5	1.6	0.3		2.4			9.8
		6056	2/3 BEARING BOLTS		0.1							0.1
		6060	1ST STAGE TIP SHROUD		0.4	0.4	0.8	0.3				1.9

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		6064	ENHANCED		1.2	0.3						1.4
		6070	TUBE IMPROVEMENT		1.7							1.7
		6071	4TH DISK BRUSH SEAL		0.2	0.5	0.8	0.9	1.1	0.0		3.6
		6077	#3 BEARING HEATSHIEL		0.6							0.6
		6080	2.7.C DEEC/3.1D EDU		0.2							0.2
		6086	SUPER CONVECTIVE SHR		0.5	1.2	1.6	3.9	3.0	1.5		11.7
		6106	SECONDARY POWER							4.5	10.7	15.3
		6108	7TH/8TH STAGE SHORT		0.3	0.3	0.4	0.0				1.0
		6109	FIRST BRUSH SEAL		0.4	0.6	0.8	1.5	1.8	1.2	0.4	6.7
		6141	EAGLE 229 HPT OD FLO		0.8	0.9	1.2	2.8	2.4	1.2	0.1	9.4
		6142	COMBUSTER					0.7	1.4	1.0	0.2	3.3
		65042B	100/220 ENGINE INTER	1.4	0.4							12.2
		8049	APG-63 RADAR			18.0	83.1	103.2	97.5	94.6	207.6	604.0
		8250	MIDS FDL		11.6	7.4	31.4	28.1	6.2		92.8	177.5
		8251	VHSIC CARD		10.6	0.9						14.6
		8265	PROGRAMMABLE							9.7	60.1	69.8
		8314	AIR DATA PROCESSOR						5.0	5.4	14.7	25.1
		8352	HELMET-MOUNTED							5.6	75.8	81.3
		8419	ALQ 135, BAND 1.5						18.3	45.2	201.8	265.4
		8420	LINK 16 FDL						24.1	7.4		31.5

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		8454	ACFT WEAPONS						1.7			1.7
		99999U	LOW COST RETROFIT M			0.1	0.1		0.0	0.1	0.1	6.9
		99999X	LOW COST MODIFICATIO	0.8	0.1	0.1						2.8
		ASM	AUX SPRAY MANIFOLD				0.1	0.4				0.5
		IDECM	COMMON ELECTRIC								272.5	272.5
		IDEEC	220E IDEEC				0.1	0.1				0.2
		IMPTUR	IMPROVED TURBINE				0.1	0.1				0.2
		T8237	DIGITAL MAP SYSTEM					1.5	9.7	18.4		29.6
		Z88888	REPROGRAMMINGS	0.4		19.6						19.9
CLASS P			TOTAL FOR F-15	182.3	76.0	157.9	169.6	193.1	228.3	273.7	1127.9	
TOTAL FOR F-15				183.0	78.2	158.9	169.6	193.1	228.3	273.7	1127.9	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
F-16	P-S	18503A	WING BEEF-UP	2.7	3.0	0.9	1.1	0.2				15.6
		99999A	LOW COST SAFETY MODI	0.8	1.8	0.4	1.7	0.4	1.9	0.1		8.6
		99999Y	LOW COST ENGINE SAFE	0.6	1.8	1.0	1.7	0.5	1.9	1.9	0.7	11.9
	CLASS P-S		TOTAL FOR F-16	4.1	6.6	2.3	4.5	1.1	3.8	1.9	0.7	
	P	1591	600 GALLON EXTERNAL		2.0	4.0						6.0
		173009	F110 DIGITAL ENGINE	4.8	15.1	17.2	17.6	21.9	30.0	29.8	17.6	168.2
		19229E	FALCON 229 ENGINE UP	3.7	0.2	0.2	0.3	0.7	2.0	2.0	4.8	17.8
		3088	RADAR WARNING RECEIV	29.4	7.5	0.2	1.4	0.2				159.9
		3150M	NAVSTAR GPS			28.4	50.6	26.2	35.0	10.2		150.4
		3450	ALE-47	5.5	5.4	0.5	2.0	5.0	7.8	5.3	1.8	53.1
		4260	ADVANCED WEAPON	12.5	4.1	2.7	3.8	2.0				25.1
		426030	ADVANCED WEAPONS							7.0	23.0	30.0
		4262	DIGITAL TERRAIN SYST					5.9	45.6			51.5
		50003B	REDESIGNED F-16 BRAK		3.1	2.3	3.5					8.9
		5013	RF TOWED DECOY SYSTE			17.6	42.6	19.9	19.5	19.7	31.7	151.0
		5016	DIGITAL TRANSFER CA		0.9							0.9
		52338B	MAIN AIRCRAFT BATTER				4.3					4.3
		57U051	RELOCATE FORWARD		0.1	0.7	1.1	0.6				12.5
		58006A	WOW SWITCH	0.2	0.1	0.1	0.2	0.1	0.0	0.0		3.0
		58044B	CHAFF/FLARE	0.1	0.1	0.1	0.2	0.1				2.3
		6018	ADVANCED SERIAL DATA									0.2

Totals may not add due to rounding.

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		6020	SCREECH REDUCTION 12					3.2	0.6			3.8
		602030	BLOCK 30 NIGHT VISIO				4.5	9.6	4.9			19.0
		602040	BLOCK 40 CAS NIGHT V				12.8	21.1	27.4	21.7	0.5	83.5
		602042	ENHANCED DATA HAND-O	1.2	0.1							1.3
		602140	BLOCK 40 MODIFIED MO								369.3	369.3
		602150	BLOCK 50 MODIFIED MO					54.2	53.9	58.1	45.5	211.7
		6022	PRE BLK 40 STRUCTURA	11.3	31.9	36.6	43.7	34.9	33.7	7.9		241.5
		602240	BLOCK 40 STRUCTURAL	11.9	18.5	13.4	17.8	9.9				71.5
		602250	BLOCK 50/52 STRUCTUR							2.7	4.9	7.5
		603030	ELECTRONIC WARFARE							5.0	66.7	71.7
		610240	BLOCK 40 COLOR DISPL								68.6	68.6
		610250	BLOCK 50 COLOR DISPL							9.1	30.0	39.1
		610330	BLOCK 30 ENHANCED FI					5.7	4.7	4.4		14.8
		6300	ON BOARD OXYGEN						26.0	29.4	37.1	92.5
		6400	BLOCK 50 IMPROVED AI		5.9							5.9
		661640	BLOCK 40 LINK 16								190.4	190.4
		661650	BLOCK 50 LINK 16							27.8	83.7	111.5
		99999E	MISC ENGINE UPDATE M	0.9	1.0	1.9			0.4			6.2
		99999U	LOW COST RETROFIT M		1.3	1.8						5.5
		99999X	LOW COST MODIFICATIO		1.2						0.1	5.1

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		F19000	F110 TURBINE FRAME O	4.2	2.2	1.8	0.3					9.6
		F19400	F-110-GE-129 (DEC) U		8.0	1.9						9.9
		F19401	-229 HPT OD FLOWPATH				0.4	0.3	1.0	0.8	1.9	4.3
		F19402	-220E IDEEC(5.3.0 LO				0.3	0.3	0.2			0.8
		F19403	COMBUSTER				0.6	0.6	0.3	0.2		1.7
		F19404	FAN SECOND STAGE AIR				0.4					0.4
		F19405	F110-GE-100 MEC VSV				0.4	0.1	0.1	0.1	0.2	0.9
		F19406	F110-GE-129 STAGE 2				0.3	0.3	0.3	0.3	0.6	1.8
		F19407	F110-GE-100 T4B PYRO				0.4	0.4	0.5	0.5	1.2	3.0
		F19408	F110-GE-100 TURBINE				0.6	0.7	0.7			2.0
		F19409	F110-GE-129 AUXILIAR				0.4					0.4
		F19410	F110 DEC HARDWARE RE				0.3	2.3	2.4	1.5	0.2	6.8
		F19411	F100 IMPROVED TURBIN				0.1	0.1				0.2
		F19412	F110-GE-129 EMS IMPR				0.6					0.6
		F19413	F110-GE-129 LASER SH				0.2	0.4	0.4	0.4	0.4	1.8
CLASS P			TOTAL FOR F-16	108.9	131.5	211.6	226.7	297.5	243.9	980.1		
TOTAL FOR F-16				115.6	133.8	216.2	227.8	301.3	245.8	980.8		

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
EF-111	P-S	99999A	LOW COST SAFETY MODI		0.0	0.7	0.2					1.0
	CLASS P-S		TOTAL FOR EF-111		0.0	0.7	0.2	0.0	0.0	0.0	0.0	
	P	Z88888	REPROGRAMMINGS			0.1						4.4
	CLASS P		TOTAL FOR EF-111		0.0	0.1	0.0	0.0	0.0	0.0	0.0	
	TOTAL FOR EF-111				0.0	0.9	0.2	0.0	0.0	0.0	0.0	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
A/T-37	P-S	99999A	LOW COST SAFETY MODI	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.8
TOTAL FOR AT-37				0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	
TOTAL FOR AT-37				0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	

Totals may not add due to rounding.

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
				1.5	0.7							
C-5	P-S	21107A	THRUST REVERSER INDI	1.5	0.7							5.6
		99999A	LOW COST SAFETY MODI	0.6	0.3		0.2					1.3
	CLASS P-S		TOTAL FOR C-5	2.1	1.0	0.0	0.2	0.0	0.0	0.0	0.0	
	P	14220B	MLG/DOOR ACTUATING S	1.5	1.6	3.1						77.9
		15203B	MADARS REPLACEMENT	7.9	13.1	6.4	5.0					222.7
		23121B	IMPROVED BOLTING NOZ		0.2							0.9
		3150	NAVSTAR GLOBAL POSIT	10.0	33.5	4.8	4.8	5.4				69.5
		3455	AIRLIFT DEFENSIVE SY	9.3	1.3	5.6	9.3	8.3	10.8	5.2	12.9	67.2
		6030	REDUCED VERTICAL SEP			1.6	0.5					2.1
		6031	THRUST RECOVERY CABI		0.4							0.4
		6032	COMPARTMENT FLOOR		4.9		0.4	0.5	0.3			6.1
		6033	INSTALLATION OF NOSE		0.1							0.1
		6034	TF39 ENGINE VAPOR BA					1.5	3.9			5.3
		6035	D-SUMP LUBE LINE MOD				1.5					1.5
		6036	SMART ENGINE DIAGNOS						1.1	4.3		5.3
		6037	TF39 ENGINE HIGH PRE			17.4	43.9	52.1	65.4	54.4	28.9	262.2
		6038	AUTOPILOT AND FLIGHT						44.8	44.4	210.1	299.3
		6046	L-BAND SATCOM AND CJ		4.3							4.3
		6103	HYDRAULIC SURGE CONT					2.3				2.3
		6150	STANDBY ATTITUDE IND		0.1	4.2	1.4					5.7
		6151	REPLACE FUEL FLOW TR				7.0					7.0

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		6152	ANTI-SKID RELIABILIT				9.1					9.1
		96001	STATION KEEPING EQUI			9.1		4.4	13.5	5.7	7.0	39.8
		96002	AIRDROP SYSTEM EQUIP					0.2	0.4	0.4	0.5	1.5
		96003	AIRCRAFT FORMATION L			1.8		0.8	2.6	2.7	1.9	9.7
		96004	SINGGARS					0.2	4.3			4.5
		99999X	LOW COST MODIFICATIO		0.5						0.2	1.7
CLASS P			TOTAL FOR C-5		59.9	54.0	82.8	75.7	147.0	117.2	261.5	
TOTAL FOR C-5					60.9	54.0	83.0	75.7	147.0	117.2	261.5	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-9	P	3009	REENGINE				5.2	9.6	0.8	10.1		25.7
		3149T	TRAFFIC ALERT & COLL			3.3	5.1					8.4
		3150	NAVSTAR GLOBAL POSIT	4.8	2.6	5.0	2.5	0.3				22.0
		99999S	SERVICE BULLETINS	3.7	0.9	0.4	2.2	0.1	0.3	0.9	2.9	19.1
		99999X	LOW COST MODIFICATIO		0.4	0.9	1.3	0.1	0.1	0.1	0.1	2.9
CLASS P				3.9	9.6	16.3	10.0	1.2	11.0	3.0		
TOTAL FOR C-9				3.9	9.6	16.3	10.0	1.2	11.0	3.0		

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-17	P-S	99999A	LOW COST SAFETY MODI				1.9	0.2	1.9	1.9	3.8	9.7
	CLASS	P-S	TOTAL FOR C-17	0.0	0.0	0.0	1.9	0.2	1.9	1.9	3.8	
	P	6002	STATION KEEPING EQUI			7.5	4.4					11.9
		6005	TROOP DOOR AFT FAIRI			0.1	2.0	0.8				2.8
		6006	SIDEWALL OXYGEN BOX			1.4	13.9	2.7				18.1
		6007	NIGHT LIGHT LOADMAST			0.0	0.2	0.8				1.0
		6008	AEROMED LITTER STANC			0.1	5.7	2.0				7.8
		6009	GROUND PROXIMITY			0.1						0.1
		6010	TRANSPONDER TEST UNI			0.1						0.1
		6012A	ACCELERATED AIRLIFT	4.6	19.0	2.7						36.9
		6014	COMFORT PALLET ELECT	0.6	1.0							1.6
		6015	CONTAINER DELIVERY S			0.3	9.8	0.6				10.6
		6017	UPGRADE TO 75/90 KVA	9.9	0.4							10.3
		6025	AUTO COMM				0.0	1.0	1.4			2.4
		6026	400 POUND PARATROOPE			0.4	3.0	1.8	0.8	0.6	7.2	13.8
		6042	SURE-COMM			2.5	0.0	0.3				2.8
		6049	LIFE RAFT CONTAINER/			0.4						0.4
		6053	MISSION COMPUTER			12.6	0.2	8.7				21.5
		6153	PRECISION LANDING SY			18.1	1.7					19.8
		6200	AIRCRAFT LIFETIME EX						10.7	7.0	0.9	18.6
		6201	GPS INTEGRITY MONITO				0.4	14.4	10.5			25.3

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		6202	OPERATIONAL FLEXIBIL						0.6	36.4	143.3	180.3
		6203	AIRDROP CAPABILITY E						0.2	11.6	8.4	20.2
		6204	CARGO COMPARTMENT						0.8	42.5	50.8	94.1
		6205	MAINTAINABILITY IMPR								247.0	247.0
		6206	AVIONICS BLOCK UPGRA						25.7	75.8	204.5	306.0
		6207	COCKPIT UTILIZATION						2.3	10.9	10.3	23.5
		6208	CARGO COMPARTMENT						2.6	16.8	194.3	213.7
		9702	8.33 KHZ VFH RADIO			5.6	9.8					15.4
		9703	DUAL ROW AIRDROP CAP				0.1	2.3	3.4			5.8
		9704	SILVER BULLET				5.9					5.9
		9705	ELECTRONIC FLIGHT CO					0.2	8.3	5.3		13.7
		9706	SOFTWARE BLOCK					7.3	3.7	4.1	21.9	37.0
		9707	RM&A MODS						0.1	3.4	1.1	4.6
		9708	OPEN ARCHITECTURE							16.3	57.0	73.3
		99999X	LOW COST MODIFICATIO									1.5
		Z88888	REPROGRAMMINGS									
CLASS P			TOTAL FOR C-17	20.8	41.9	57.1	42.7	71.1	230.7	946.6		
TOTAL FOR C-17				20.8	41.9	59.1	42.9	73.0	232.6	950.4		

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-21	P	3149T	TRAFFIC ALERT & COLL			1.4	4.9	8.9	2.1			17.3
		3150	NAVSTAR GLOBAL POSIT	0.6	9.7	3.2						13.6
		9701	MAGNASTAR C-2000 DIG				2.0					2.0
		99999S	SERVICE BULLETINS	0.1	0.2	0.1	0.0	0.1	0.1	0.1	5.4	7.8
		Z88888	REPROGRAMMINGS									
TOTAL FOR C-21				6.1	4.8	4.8	6.9	9.0	2.2	0.1	5.4	
TOTAL FOR C-21				6.1	4.8	4.8	6.9	9.0	2.2	0.1	5.4	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-22	P	99999S	SERVICE BULLETINS		0.7	0.4	0.3	0.2	0.2	0.2	0.2	2.1
TOTAL FOR C-22				0.7	0.7	0.4	0.3	0.2	0.2	0.2	0.2	
TOTAL FOR C-22				0.7	0.7	0.4	0.3	0.2	0.2	0.2	0.2	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-27	P	99999S	SERVICE BULLETINS	0.7	0.3	0.8	0.1					6.6
TOTAL FOR C-27				0.7	0.3	0.8	0.1	0.0	0.0	0.0	0.0	
TOTAL FOR C-27				0.7	0.3	0.8	0.1	0.0	0.0	0.0	0.0	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-137	P	3149T	TRAFFIC ALERT & COLL		3.0	3.4	0.2					6.6
		3150	NAVSTAR GLOBAL POSIT		7.0	0.7						7.7
		99999S	SERVICE BULLETINS	1.0	1.0	0.6	2.1					13.1
		99999X	LOW COST MODIFICATIO	0.4	1.3	0.5						6.2
		Z88888	REPROGRAMMINGS		3.0							3.0
TOTAL FOR C-137				15.3	5.3	2.3	2.3	0.0	0.0	0.0	0.0	
TOTAL FOR C-137				15.3	5.3	2.3	2.3	0.0	0.0	0.0	0.0	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-141	P-S	99999A	LOW COST SAFETY MODI					0.2	0.8	0.8	1.8	6.0
	CLASS P-S		TOTAL FOR C-141	0.0	0.0	0.0	0.0	0.2	0.8	0.8	1.8	
	P	13627B	AUTOPILOT/COCKPIT UP	6.1	51.9	31.9	16.3	4.0				173.1
		13652B	FUEL QUANTITY INDICA		0.2	0.3	0.7					19.3
		3150	NAVSTAR GLOBAL POSIT		30.2	16.6	9.8	1.8				58.3
		3455	AIRLIFT DEFENSIVE SY	8.3	3.7	3.6	3.2	0.9				29.3
		6046	L-BAND SATCOM AND CJ		4.5							4.5
		99999N	MISC STRATEGIC ALFT				0.2					0.2
		99999T	MISC TRAINER PECULIA				0.5					0.5
		Z88888	REPROGRAMMINGS		0.1							0.1
	CLASS P		TOTAL FOR C-141	90.6	52.3	52.3	30.7	6.6	0.0	0.0	0.0	
	TOTAL FOR C-141			90.6	52.3	52.3	30.7	6.8	0.8	0.8	1.8	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
T-1	P	3150	NAVSTAR GLOBAL POSIT		5.6	7.3	7.0	8.0	0.0			27.9
TOTAL FOR T-1				5.6	5.6	7.3	7.0	8.0	0.0	0.0	0.0	
TOTAL FOR T-1				5.6	5.6	7.3	7.0	8.0	0.0	0.0	0.0	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
T-3	P	99999A	LOW COST SAFETY MODI		0.1	0.1	0.1	0.1	0.1	0.1		0.6
TOTAL FOR T-3				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	
TOTAL FOR T-3				0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
T-38	P-S	10206A	FUS STA 325 BULKHEAD	0.7	1.2		6.3	17.0	4.2			56.4
		14207B	COCKPIT ENCLOSURE (P)	0.5		3.8	6.5					66.8
		99999A	LOW COST SAFETY MODI	0.2	0.1	5.6	2.0	0.1	0.0	0.1	0.3	9.8
	CLASS P-S		TOTAL FOR T-38	1.4	1.3	9.3	14.8	17.1	4.2	0.1	0.3	
	P	15201B	STAGE II COMPRESSOR		0.8							5.2
		6029	AVIONICS UPGRADE				38.0	99.1	96.1	242.7	475.9	
		Z88888	REPROGRAMMINGS		0.4							0.5
	CLASS P		TOTAL FOR T-38		1.2	0.0	0.0	38.0	99.1	96.1	242.7	
			TOTAL FOR T-38		2.5	9.3	14.8	55.1	103.3	96.2	243.0	

Totals may not add due to rounding.

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
T-41	P	99999X	LOW COST MODIFICATIO		0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.9
TOTAL FOR T-41				0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	
TOTAL FOR T-41				0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
T-43	P	3149F	FLIGHT DATA RECORDER		1.9	0.3	1.4	2.3	0.7			6.4
		3149T	TRAFFIC ALERT & COLL		3.7	0.6	1.2					5.5
		3150	NAVSTAR GLOBAL POSIT	2.0	0.6	5.5	3.5					11.6
		9605	INMARSAT AND SATCOM				4.0					4.0
		99999S	SERVICE BULLETINS	2.0	1.8		0.1				0.7	8.7
		99999X	LOW COST MODIFICATIO	1.2		0.3	0.1	0.1	0.1	0.1		1.8
		Z88888	REPROGRAMMINGS		3.7							4.0
CLASS P			TOTAL FOR T-43	11.7	6.6	6.6	10.3	2.3	0.8	0.1	0.7	
TOTAL FOR T-43				11.7	6.6	6.6	10.3	2.3	0.8	0.1	0.7	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
KC-10	P-S	99999A	LOW COST SAFETY MODI	0.4	0.2	0.0	0.1	0.1	0.3	0.5		1.5
TOTAL FOR KC-10				0.4	0.2	0.0	0.1	0.1	0.3	0.5	0.0	
P	3150		NAVSTAR GLOBAL POSIT	9.3	15.4	12.1	5.1	2.0				54.9
	3351		REFUELING PODS	4.7	0.9							53.9
	4301		ENGINE VIBRATION MON	1.2	1.1	1.1	1.1	1.1	1.0	0.4		6.9
	4369		REPLACE PYLONS 1&3 F				4.7	4.1	4.6	3.9	1.2	18.6
	6046		L-BAND SATCOM AND CJ		8.6	1.2	1.1					10.9
	9702		8.33 KHZ VFH RADIO				2.0					2.0
	99999S		SERVICE BULLETINS	1.5		2.8	0.4	1.4	3.2	2.9	2.4	20.8
	99999X		LOW COST MODIFICATIO	0.8					0.1	0.1		2.6
	SIM-10		SIMULATOR UPGRADE (K					20.5		5.0		37.1
	Z88888		REPROGRAMMINGS									
TOTAL FOR KC-10				24.5	13.2	14.5	14.5	29.2	8.8	12.2	3.7	
TOTAL FOR KC-10				24.7	13.2	14.5	14.5	29.3	9.2	12.7	3.7	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-12	P	3149F	FLIGHT DATA RECORDER		2.1		0.9					3.0
		3149T	TRAFFIC ALERT & COLL			2.4	2.6	1.6	0.2			6.8
		3150	NAVSTAR GLOBAL POSIT	1.1	1.1	7.0	1.2	0.3				10.7
		99999S	SERVICE BULLETINS	0.1	0.1	1.6		1.5	0.8	0.1	0.9	5.1
		99999X	LOW COST MODIFICATIO		0.1							0.6
		Z88888	REPROGRAMMINGS									

CLASS P TOTAL FOR C-12

3.1	11.0	4.7	3.4	1.0	0.1	0.9
3.1	11.0	4.7	3.4	1.0	0.1	0.9

TOTAL FOR C-12

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-18	P	3150	NAVSTAR GLOBAL POSIT	1.8	2.4	1.1						5.2
		99999S	SERVICE BULLETINS		0.2		0.2	0.4	0.4	0.3	1.6	3.1
		99999X	LOW COST MODIFICATIO	0.3			0.1			0.1	0.2	4.6
CLASS P				2.1	2.6	1.1	0.3	0.4	0.4	0.4	1.8	
TOTAL FOR C-18				2.1	2.6	1.1	0.3	0.4	0.4	0.4	1.8	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-20	P	3149T	TRAFFIC ALERT & COLL		2.0	1.2	0.9					4.1
		3150	NAVSTAR GLOBAL POSIT	4.8	11.4	5.0	4.0	2.0				27.2
		99999S	SERVICE BULLETINS		0.4	0.4	1.6	0.4	0.4	0.4	2.2	5.7
		99999X	LOW COST MODIFICATIO	0.6	0.3	0.3	0.1	0.1	0.1	0.1		2.9
	CLASS P		TOTAL FOR C-20	5.4	14.1	6.9	6.5	2.5	0.5	0.5	2.2	
	TOTAL FOR C-20			5.4	14.1	6.9	6.5	2.5	0.5	0.5	2.2	

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AIRCRAFT	MOD	CLASS	NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-25	P	3149W		WINDSHEAR WARNING		3.5	0.2	0.1					3.8
		3150		NAVSTAR GLOBAL POSIT		8.0		1.5	0.3				9.8
		9709		GLOBAL AIR TRAFFIC M				8.5					8.5
		99999S		SERVICE BULLETINS	0.8	0.6	0.7	0.7	0.8	0.8	0.8	1.7	9.9
		Z88888		REPROGRAMMINGS									
	CLASS P			TOTAL FOR C-25		9.4	0.9	10.8	1.1	0.8	0.8	1.7	
	TOTAL FOR C-25					9.4	0.9	10.8	1.1	0.8	0.8	1.7	

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AIRCRAFT	MOD	CLASS	NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-130	P-S	99999A		LOW COST SAFETY MODI							0.6	0.1	0.7
	CLASS	P-S		TOTAL FOR C-130	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.1	
	P	12603B		APQ-122 RADAR REPLAC	7.0	5.3	1.7	2.6					126.4
		17605B		AUTOPILOT/GCAS	8.0	24.6	25.5	23.4	40.7	43.3	13.9	8.7	251.6
		18600B		ELECTRICAL SYSTEM UP	4.8	11.7	16.1	14.7	24.2	20.9	9.0	1.2	115.5
		18603B		FUEL QTY SYS UPGRADE	1.9	0.1	2.6	4.3	1.9	2.0	1.9	1.5	22.5
		3150		NAVSTAR GLOBAL POSIT	13.3	14.2	21.4	9.2	2.6	1.2			83.0
		3190		SCNS	11.4	5.0	4.4	4.5					347.3
		3353		HF AUTO COMM	1.0	3.8	2.2	2.7	0.4				44.4
		3455		AIRLIFT DEFENSIVE SY	8.7	0.3	6.3	3.7	3.8	6.1	6.1	30.1	107.4
		3458		ABCCC MODIFICATIONS	3.9	7.0							14.8
		8109		ARMOR PLATING			0.6						5.2
		8220		ALR-69 (RWR)	16.5	5.9	1.3		8.6	34.8	30.0	20.5	132.8
		8385		AN/AAQ-22M		4.0	0.4						4.4
		8424		AERSPACE RESCUE AND			9.4	14.4	14.1				37.8
		8448		BLEED AIR DUCT REPLA				0.5	0.8	2.2	1.5	0.9	5.9
		8455		SKI EQUIPMENT			5.5						5.5
		99999G		MISC LOW COST MODS F				0.5					0.5
		99999M		MISC SIMULATOR UPDAT			0.0	0.1	0.1				0.2
		99999S		SERVICE BULLETINS	0.4						1.9		2.3
		99999X		LOW COST MODIFICATIO	0.8						0.1		1.8

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		ABCCC3	BROADCAST INTELLIGEN		0.2	0.2						7.2
		ATCALS	TRAFFIC CONTROL/APPR					4.6	4.6	4.6	9.4	18.6
		COMPAS	COMPASS CALL		2.0							10.0
		COMREP	C-130H COMPASS REPLA				0.5	0.1	13.3	24.6	45.9	84.3
		RADAR	APN-59 RADAR REPLACE					7.2	6.0	41.1	132.2	186.4
		TIBS	TIBS			4.1						4.1
		WC130J	WC130J SPECIAL MISSI				13.5					13.5
		Z88888	REPROGRAMMINGS	0.5		0.1						0.6
CLASS P			TOTAL FOR C-130	78.1	84.0	101.7	94.5	104.6	134.5	134.8	250.3	
TOTAL FOR C-130				78.1	84.0	101.7	94.5	104.6	134.5	135.3	250.4	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
C-135	P-S	10408A	AERIAL REFUELING PUM			0.1						8.1
		99999A	LOW COST SAFETY MODI	0.2	1.9	1.0	0.2	1.3	0.8	0.3	2.5	8.3
	CLASS P-S		TOTAL FOR C-135	0.2	1.9	1.1	0.2	1.3	0.8	0.3	2.5	
P		10402B	FUEL SAVINGS ADVISOR	0.9	1.3	1.1	0.9	0.2				102.4
		16405X	SCOPE RELOCATION	0.1	0.1	0.1	0.1	0.0				0.5
		17403B	STANDARD FLIGHT DATA	1.4	3.0	3.6	0.7	0.9				15.4
		2984X	NUCLEAR HARDENING	0.2	0.2	0.2	0.1	0.6				1.3
		3009E	C-135 REENGINE		95.3	49.0						483.9
		3009X	AUDIBLE COCKPIT WARN	0.4	0.2	0.1	0.2	0.1				1.1
		3009Y	RELOCATE SV BOX	0.3	0.2	0.2	0.2	0.1				1.0
		3042	STANDARD VHF AM/FM R		2.7	2.3	0.2					6.7
		3149	NAVIGATION AND SAFET			33.9	5.4					39.3
		3150PC	PACER CRAG (COMPASS,	39.9	62.8	102.3	97.8	92.3	25.2	5.7		426.0
		3156	PACER LINK PH II	0.8		0.8						250.6
		3353	HF AUTO COMM	6.4	10.4	12.2						29.0
		3368	GROUND COLLISION AVO	9.9	6.7	0.1	3.3	6.7	7.7	3.3	8.8	48.9
		4263	RIVET JOINT		32.3							66.3
		48604B	INSTALLATION OF WIND		0.1	0.2						2.7
		9605	INMARSAT AND SATCOM		1.2		3.2					4.4
		99999S	SERVICE BULLETINS		2.5	0.5			0.7	1.1	3.2	7.9
		99999U	LOW COST RETROFIT M		0.8	0.3						2.4

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
		99999X	LOW COST MODIFICATIO	0.3	0.4	2.1				0.1		4.6
		KC4218	HIGH RELIABILITY MAI	2.1	0.9	2.5	3.6	3.8	2.7	0.8		16.5
		KC4231	MULTIPOINT REFUELING		12.2	21.6	22.1	20.1	40.3	40.8	12.8	169.9
		KC4290	IMPROVED MAIN LANDIN	1.0	1.0	0.0						2.0
		SIM135	SIMULATOR UPGRADE					13.0	25.7	23.6	60.0	122.3
		Z88888	REPROGRAMMINGS	0.4	0.9	2.8						4.5
CLASS P			TOTAL FOR C-135	64.1	235.2	235.9	137.7	137.9	102.3	75.3	84.8	
TOTAL FOR C-135				64.3	237.1	237.0	137.9	139.2	103.1	75.7	87.3	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
E-3	P	17600B	REPLACE MAG TAPE TRA		0.6	0.6	0.1					19.7
		3150	NAVSTAR GLOBAL POSIT	7.6	32.2	17.3	3.5	1.3				63.0
		3246	HAVE QUICK A-NET	1.9	0.1							147.6
		3371	ELECTRONIC SUPPORT M	74.8	61.0	94.3	16.8	18.3	0.1			313.2
		3401	JTIDS TADIL J	9.0	7.9	16.7	0.4	0.3				40.7
		3402	DATA ANALYSIS PROGRA	20.0	28.3	36.7	0.0	0.0				108.8
		50001A	EXT SEN, COMPUTERS A	2.0	9.9	7.3	23.2	30.9	23.6	28.5		134.4
		50001B	EXT SEN, BACKSHOP	11.0	0.6	0.1	3.2					26.7
		50001C	EXTEND SENTRY,		11.9	7.7						19.5
		50001E	EXTEND SENTRY, EXECU			0.0	0.2	0.2	0.2	0.1		2.7
		50001P	PDMA	1.4	1.4	2.4	0.2	0.1	0.1	0.1		5.6
		50001R	EXTEND SENTRY, RADAR		6.8	5.1	10.6					24.4
		50001X	EXTEND SENTRY	1.9	15.8	16.0	6.6	1.8	3.3	5.3	22.7	86.9
		70001C	OFFENSIVE COUNTER AI			17.0	5.9	1.1				23.9
		7266	RADAR SYSTEM		45.3	44.7	64.0	61.0	75.7	77.8	81.5	450.1
		Z88888	REPROGRAMMINGS		0.9							0.9
CLASS P			TOTAL FOR E-3	222.8	265.9	134.7	114.9	103.0	111.8		104.2	
TOTAL FOR E-3				222.8	265.9	134.7	114.9	103.0	111.8		104.2	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
E-4	P-S	99999A	LOW COST SAFETY MODI						0.9	1.9	4.0	6.8
	CLASS P-S		TOTAL FOR E-4	0.0	0.0	0.0	0.0	0.0	0.9	1.9	4.0	
	P	3149T	TRAFFIC ALERT & COLL			2.0	2.2					4.2
		3150	NAVSTAR GLOBAL POSIT	1.6	1.5	1.2	1.0					15.9
		3445	UNIVERSAL MODEM					5.2	5.0	0.2	0.1	10.5
		3505	MODIFIED MINITURE RE						12.0	18.2	9.3	39.5
	99999S		SERVICE BULLETINS	1.9		0.4	6.1	0.1	0.4		4.3	19.6
	99999X		LOW COST MODIFICATIO	1.0		0.3	2.1	0.1	0.0	0.0	0.1	3.7
	Z88888		REPROGRAMMINGS		7.1							1.7
	CLASS P		TOTAL FOR E-4	8.6	3.9	3.9	11.4	5.4	17.5	18.4	13.8	
	TOTAL FOR E-4			8.6	3.9	3.9	11.4	5.4	18.4	20.3	17.8	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
H-1	P-S	99999A	LOW COST SAFETY MODI			0.3	0.1	0.2	0.3	0.6	1.3	2.8
	CLASS P-S		TOTAL FOR H-1	0.0	0.3	0.3	0.1	0.2	0.3	0.6	1.3	
	P	3150	NAVSTAR GLOBAL POSIT	3.0			0.0	0.8				3.8
		8432	INTEGRATED DATA ACQU	6.0			2.6	1.0				9.6
		T8123	FLEXPLATE MAIN DRIVE	5.9		5.1						11.0
		TCAS	TRAFFIC COLLISION AV			3.4		16.9				20.2
		Z88888	REPROGRAMMINGS	3.4								3.4
	CLASS P		TOTAL FOR H-1	18.3	8.5	8.5	2.6	18.7	0.0	0.0	0.0	
	TOTAL FOR H-1			18.3	8.8	8.8	2.8	18.9	0.3	0.6	1.3	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
MH-60	P	8254	ALTITUDE HOLD AND HO	3.9			1.1					8.1
		8258	AN/AAQ-168 FLIR	0.3		5.5					39.3	55.3
		99999X	LOW COST MODIFICATIO	0.0			0.3				2.0	2.8
		ARR	AEROSPACE RESCUE				9.9	7.2	0.8			17.9
		T8130	HH-60G RETROFIT	1.7		0.5					0.3	17.3
		T8415	UPGRADE				5.6	12.1	10.8	11.4	93.9	133.8
CLASS P			TOTAL FOR MH-60	0.0	0.0	6.0	16.9	19.3	11.6	11.4	135.5	
TOTAL FOR MH-60				0.0	0.0	6.0	16.9	19.3	11.6	11.4	135.5	

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AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
OTHER	P-S	9999A	LOW COST SAFETY MODI				2.0				0.4	2.4
		T6075A	#1 BEARING OIL TUBE	0.2	0.2							0.4
CLASS P-S			TOTAL FOR OTHER	0.2	0.2	0.0	2.0	0.0	0.0	0.0	0.4	
P		10611C	CARA		1.4	2.1						143.6
		13614B	ALE-40 DEFICIENCIES	7.8	2.6	8.7						57.5
		14212B	SUPPORT EQUIPMENT UP		0.2					0.1	5.9	15.6
		18615B	AN/ALR-69 SYS IMPROV	3.2	0.6							42.9
		3150E9	NAVSTAR GPS (E-9)			0.2		0.1				0.3
		3429	A/B SINGARS AJ COMM	1.2	1.3							48.9
		64201F	FLIGHT DATA RECORDER		2.1							6.8
		99999J	MISCELLANEOUS LOW	0.6	0.1		0.1	0.0	0.1	0.1	0.2	3.2
		99999V	MISCELLANEOUS LOW		0.1	0.8	0.1	0.0	0.0			1.0
		99999X	LOW COST MODIFICATIO	0.8	0.9	0.5						4.7
		CMWS	COMMON MISSILE WARNI				0.0	7.8	28.3	51.9	483.0	571.1
		F16HTS	HARM TARGETING SYSTE		2.5		12.2	3.3	0.1			18.2
		T8137	UHF		11.3	20.3	16.2	10.0	19.4	20.1	101.8	199.0
		T8174	HF MODERNIZATION	8.3	3.0	1.7	2.5	1.2	0.8			20.9
		TRAIN	TACTICAL AIR FORCE -			0.1						0.1
		Z88888	REPROGRAMMINGS	0.1	2.2	0.8						3.0
CLASS P			TOTAL FOR OTHER	21.9	28.4	35.1	31.0	22.4	48.8	72.1	591.0	
TOTAL FOR OTHER				22.1	28.6	35.1	33.1	22.4	48.8	72.1	591.3	

Totals may not add due to rounding.

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P-1M MODIFICATION REPORT - 98 PB

02/14/97 12:09

AIRCRAFT	CLASS	MOD	MODIFICATION TITLE		FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
CLASSI	P	NR											
		1001	COMPASS CALL		45.4		3.0	7.6	7.8	8.0	8.2	17.5	176.5
		1007	COBRA BALL			19.9							19.9
CLASS P			TOTAL FOR CLASSI		19.9	19.9	3.0	7.6	7.8	8.0	8.2	17.5	
TOTAL FOR CLASSI					19.9	19.9	3.0	7.6	7.8	8.0	8.2	17.5	

Totals may not add due to rounding.

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P-1M MODIFICATION REPORT - 98 PB

AIRCRAFT	CLASS	MOD NR	MODIFICATION TITLE	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	COST TO GO	TOTAL PROG.
DARP	P	3009R	REENGINE		46.5	99.9						146.3
		4263	RIVET JOINT			65.2	61.1	69.1	68.8	49.4	93.1	406.7
		4265	COMBAT SENT			1.0	6.0	8.2	8.7	7.9	18.7	50.5
		4480	FLEET EXPANSION			41.7						41.7
		4485	RC-135 SENSOR MODIFI			10.0						10.0
		4486	U-2 REPAIRS			5.0						5.0
		4487	SR-71			9.0						9.0
		4488	U-2 SYERS			10.0						10.0
		4489	U-2 SENSOR CONVERSIO			37.7						37.7
			DATA LINK	13.5	5.0							18.5
CLASS P			TOTAL FOR DARP	13.5	51.5	279.4	67.1	77.2	77.4	57.3	111.9	
TOTAL FOR DARP				13.5	51.5	279.4	67.1	77.2	77.4	57.3	111.9	

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						P-1 ITEM NOMENCLATURE: B-2A	
	1996	1997	1998	1999	2000	2001	2002
COST (In Mil)	\$20.613	\$6.100	\$13.853	\$16.275	\$22.205	\$12.565	\$14.071
							2003
							\$8.965

This line item funds modifications to the B-2 aircraft. The B-2 is a multi-engine, long range bomber incorporating low-observable ("stealth") technology, enabling it to penetrate enemy air defenses and strike high-value targets. The overall goal of the modifications budgeted in FY98 is to standardize aircraft configuration essentially resulting in 20 "Block 30" B-2 aircraft. The specific modifications budgeted and programmed are below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
P-S	P-S		LOW COST SAFETY MODIFICATIONS									TO GO	PROG.
			CLASS P-S TOTAL FOR B-2										1.1
P		110001	CONTRAIL MANAGEMENT	9.5	0.5	0.6	0.5						17.6
		110002	GFP COMSEC EQUIPMENT CHANGE	0.2	0.1								0.5
		110005	MILSTAR UHF			0.2	0.2						6.8
		110006	ZSR-63 - BAND 4	0.2	0.1	0.4	0.4						26.3
		110007	BRU-44A/A BOMB RACK R&M I		1.9		1.4	0.7					4.0
		110008	DISK DRIVE UNIT (DDU)	0.2	0.3	0.6	0.4						17.2
		110009	JASSM						5.0	5.0			10.0
		110010	GPS-AIDED TARGETING SYSTEM	0.1	0.2								4.8
		110011	POST BLOCK 30 UPDATES					7.0	7.1	9.1	9.0	8.4	40.5
		110012	SPARE COMPONENT UPGRADES	6.9									25.7
		110013	SPARES UPGRADES BLOCK 30			11.8	12.9	14.0					38.7
	3150		NAVSTAR GLOBAL POSITIONING SYS	0.5	1.0								4.4
	99999U		LOW COST RETROFIT MODS	2.2	0.5		0.1						4.2
	99999X		LOW COST MODIFICATIONS	0.9	1.4	0.3	0.1	0.1	0.1				5.9
			CLASS P TOTAL FOR B-2	20.6	6.1	13.9	16.0	21.9	12.1	14.1	9.0	8.4	
			TOTAL FOR B-2	20.6	6.1	13.9	16.3	22.2	12.6	14.1	9.0	8.4	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 023	PAGE NO.	UNCLASSIFIED
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DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: CONTRAIL MANAGEMENT MN-110001
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P
MODELS OF AIRCRAFT AFFECTED: B-2 CENTER: ASC
PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: Contrail Management System consists of a unique set of integrated technologies for the weapon system to enhance its survivability and support operational requirements of the user. This mod is essential to B-2 baseline aircraft.
AIRCRAFT BREAKDOWN: Active -- 13 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Critical Design Review completed Nov 94. Flight test began Jan 97 and will be complete Jul 97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)		35.8		6.0		2.9		0.9				
PROCUREMENT (3010)												
INSTALL KITS	5	1.0	8	1.6								
KITS NONRECUR		0.2		0.2								
EQUIPMENT	(5)	4.0	(8)	5.5								
EQUIP NONREC		0.8		0.8								
CHANGE ORDERS												
DATA		0.4		0.8								
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE			(3)	0.5	(2)	0.4	(4)	0.6	(3)	0.5		
FY-95 5 KITS					(1)	0.2						
FY-96 8 KITS												
TOTAL INSTALL QTY/COST			3	0.5	3	0.5	4	0.6	3	0.5		
TOTAL COST (BP-1100)	5	6.4	8	9.5		0.5		0.6		0.5		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

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FACT SHEET: B-2 MN-110001 CONTRAIL MANAGEMENT
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									13	2.6
KITS NONREC										0.4
EQUIPMENT										9.5
EQUIP NONREC										1.7
CHANGE ORDERS										1.2
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-95 5 KITS									(5)	0.9
FY-96 8 KITS									(8)	1.3
TOTAL INSTALL QTY/COST									13	2.2
TOTAL COST (BP-1100)									13	17.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									1	2
OUTPUT									1	1
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									1	1
OUTPUT									1	1

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DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: ZSR-63 - BAND 4 MN-110006

MODELS OF AIRCRAFT AFFECTED: B-2

CENTER: ASC

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P

PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: Adds the Band 4 frequency extension to the existing ZSR-63 Radar Warning Receiver to accomplish threat emitter detection, identification and location. All 13 kits were procured at one time (w/ storage cost included) to save \$20M+ and reduce hardware/software risks due to high percentage of commonality to other mods taking place in the defensive management suite. This is an essential modification to the B-2 baseline aircraft. The configuration established during Apr 91 4-Star Summit and SECAF approved subsequent Block 10/20/30 procurement strategy. Deleting this mod degrades Block 30 baseline capability and planned aircraft configuration.

AIRCRAFT BREAKDOWN: Active -- 13 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Flight test began Jul 96 and will be complete May 97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		78.5		25.0								
PROCUREMENT (3010)												
INSTALL KITS	13	9.1										
KITS NONRECUR		0.9										
EQUIPMENT	(13)	12.6										
EQUIP NONREC		1.5										
CHANGE ORDERS		1.2										
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 13 KITS			(3)	0.2	(3)	0.1	(4)	0.4	(3)	0.4		
TOTAL INSTALL QTY/COST			3	0.2	3	0.1	4	0.4	3	0.4		
TOTAL COST (BP-1100)	13	25.3		0.2		0.1		0.4		0.4		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 18 MONTHS												
FOLLOW-ON LEAD TIME -- 18 MONTHS												

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FACT SHEET: B-2 MN-110006 ZSR-63 - BAND 4 (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS									13	9.1
KITS NONREC										0.9
EQUIPMENT										12.6
EQUIP NONREC										1.5
CHANGE ORDERS										1.2
DATA										

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-95 13 KITS									(13)	1.1
TOTAL INSTALL QTY/COST									13	1.1
TOTAL COST (BP-1100)									13	26.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	
CONTRACT-DATE (QTR/FY)								
DELIVERY-DATE (QTR/FY)		2/95						

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	FY-97
INPUT													
OUTPUT													

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	FY-00
INPUT													
OUTPUT													

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: DISK DRIVE UNIT (DDU) MN-110008
MODELS OF AIRCRAFT AFFECTED: B-2
CENTER: ASC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P
PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: The DDU is a console-mounted radiation hardened data storage system based on magneto-optic read/write storage tech. It replaces the Mission Data Entry Unit (MDEU) to take advantage of significantly advanced tech, greater storage capacity, & faster access w/same or reduced size cartridges. Kit purchases were economically ordered to avoid a 40% cost increase and cause extensive time delays due to requalification requirements. This mod is essential to the B-2 baseline aircraft. This configuration was established during the Apr 91 4-star summit and SECAF approved subsequent procurement strategy. Deleting this mod degrades Block 30 baseline capability and planned aircraft configuration.

AIRCRAFT BREAKDOWN: Active -- 13 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: FY95 & FY96 R&D accomplished onboard testing and did not affect design configuration.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		43.2		2.7								
PROCUREMENT (3010)												
INSTALL KITS	13	3.3										
KITS NONRECUR		0.2										
EQUIPMENT	(13)	9.9										
EQUIP NONREC		1.0										
CHANGE ORDERS												
DATA		1.0										
SIM/TRAINER												
SUPPORT-EQUIP		0.3										
INSTALLATION OF HARDWARE												
FY-94 5 KITS			(3)	0.2	(1)	0.2	(4)	0.6	(3)	0.4		
FY-95 8 KITS												
TOTAL INSTALL QTY/COST			3	0.2	3	0.3	4	0.6	3	0.4		
TOTAL COST (BP-1100)	13	15.7		0.2		0.3		0.6		0.4		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

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(CONTINUED)

FACT SHEET: B-2 MN-110008 DISK DRIVE UNIT (DDU)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS 13 3.3
KITS NONREC 0.2
EQUIPMENT 9.9
EQUIP NONREC 1.0
CHANGE ORDERS 1.0
DATA 1.0

SIM/TRAINER 0.3

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-94 5 KITS (5) 0.4

FY-95 8 KITS (8) 1.1

TOTAL INSTALL QTY/COST 13 1.5

TOTAL COST (BP-1100) 13 17.2

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

CONTRACT-DATE (QTR/FY) 3/94 1/95

DELIVERY-DATE (QTR/FY) 2/96 2/97

INSTALLATION SCHEDULE: FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

OUTPUT 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INSTALLATION SCHEDULE: FY-97 FY-98 FY-99 FY-00

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4

INPUT 1 2 3 4 1 2 3 4 1 2 3 4

OUTPUT 1 2 3 4 1 2 3 4 1 2 3 4

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SPARE COMPONENT UPGRADES MN-110012
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P

MODELS OF AIRCRAFT AFFECTED: CENTER: ASC PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: Upgrades current B-2 (Block 10) spare component inventory to support the continued increased capability of B-2 aircraft coming from the production line. Failure to retrofit the spare components will make the Block 20 aircraft at Whiteman AFB in accordance with the B-2 Essential Employment Capabilities (EEC) unsupportable.

DEVELOPMENT STATUS: Development done under Northrop EMD contract. F33657-87-C0067.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES	(237)	18.8	(183)	6.9								
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		18.8		6.9								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 2 MONTHS

FOLLOW-ON LEAD TIME -- 2 MONTHS

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FACT SHEET: B-2 MN-110012 SPARE COMPONENT UPGRADES (CONTINUED)

(CONTINUED)									
PROJECTED FINANCIAL PLAN (CONTINUED)									
RDTE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
MOD OF SPARES									
INSTALLATION OF HARDWARE									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-95 FY-96									
CONTRACT-DATE (QTR/FY) 3/96 3/96									
DELIVERY-DATE (QTR/FY) 4/96 4/96									
TOTAL									
25.7									
25.7									

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SPARES UPGRADES BLOCK 30 MN-110013
MODELS OF AIRCRAFT AFFECTED: CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-2 CLASS P
PE 0101127F TEAM POWER

DESCRIPTION/JUSTIFICATION: Upgrades current B-2 spare component inventory to support the Block 30 aircraft capability of B-2 aircraft coming from the production line

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 399 KITS												
FY-99 440 KITS												
FY-00 484 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 3 MONTHS

FOLLOW-ON LEAD TIME -- 3 MONTHS

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FACT SHEET: B-2 MN-110013 SPARES UPGRADES BLOCK 30 (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)									
RD&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIN/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-98 399 KITS									
FY-99 440 KITS									
FY-00 484 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									

*** UNCLASSIFIED ***

UNCLASSIFIED

**BUDGET ITEM JUSTIFICATION
(EXHIBIT P-40)**

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS											
P-1 ITEM NOMENCLATURE: B-1B											
	1996	1997	1998	1999	2000	2001	2002	2003			
	\$66.486	\$136.280	\$114.245	\$127.380	\$116.298	\$93.308	\$176.252				
COST (In Mil)											

This line item funds modifications to the B-1B aircraft. The B-1 is a multi-engine, supersonic, long range bomber capable of delivering nuclear or conventional munitions. The overall goal of the modifications budgeted in FY98 is to increase conventional weapons capabilities and improve reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	10407A	AFT DC POWER UPGRADE	8.1	7.7	8.0	5.1	2.5					45.4
	4333	FIRE WARNING AND EXTINGUISHING	2.5									4.3
	99999A	LOW COST SAFETY MODIFICATIONS			0.1					0.1	2.3	2.5
		CLASS P-S TOTAL FOR B-1	10.6	7.7	8.1	5.1	2.6			0.1	2.3	
P	3150-R	NAVSTAR GPS - COMM UPGRADE (A/	2.9	31.2	47.7	13.4	33.3					128.3
	4165	EMERGENCY RESTRAINT RELEASE		0.2	0.2	0.2	0.2	0.2				1.0
	4252	AVIONICS COMPUTERS				12.8	0.7	28.7	49.2	49.5	37.6	178.5
	4253	JDM/1760 CONVENTIONAL ENHANCE	5.2	12.7	14.0	45.6	15.8					93.2
	4255	CITS DEPLOYABLE DIAGNOSTIC SYS	7.0									7.0
	4256	ECM UPGRADE PROGRAM					10.4	9.8	50.4	64.7	176.0	311.3
	4266	MISC ORA MODS	0.1									0.1
	4273	J50W INTEGRATION							2.1			2.1
	4274	JASSM INTEGRATION							10.2			10.2
	4298	GENERATOR CONTROL UNIT REDESIG	0.2	4.7	5.2	0.2	0.6					10.9
	4300	CONVENTIONAL BOMB MODULE MODIF	8.8	1.7								20.8
	4302	ADD'L CONVENTIONAL BOMB MODULE		32.0								32.0
	4305	DIRECTION FINDING ENCODER (DFE		3.4								3.4
	5013	RF TOWED DECOY SYSTEMS		3.0	20.4	33.1	39.1	38.5	32.3	5.9	0.3	172.6
	5047	SIMULATOR UPDATES		6.9	5.3	5.6						36.4
	5048	WIND CORRECTED MUNITIONS DISPE					3.8	9.2	23.4	0.4	0.4	37.3
	5050	BAND 8 BEAM STEERING		1.4								1.4
	5051	INTERFEROMETER RCVR BAND REJEC		1.3	0.6							1.9
	5052	WAVEFORM GENERATOR EEPROMS	3.9	1.3	0.3	0.3						5.8
	5055	INTEGRATED DEFENSIVE ELECTRONI						6.9	8.6	7.5	25.5	48.4
	820800	1122 IMPROVEMENT	9.2	5.8	1.0							45.9
	99999X	LOW COST MODIFICATIONS			0.1					0.1	2.4	2.7
	T4251C	LANCER 101C	0.9									35.7
	T4251D	LANCER 101D	17.7	8.5	0.4							29.6

Totals may not add due to rounding.

P-1 SHOPP LIST

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)											DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: B-1B								
		1996	1997	1998	1999	2000	2001	2002	2003			
COST (In Mil)		\$66.486	\$136.280	\$114.245	\$127.380	\$116.298	\$93.308	\$176.252	\$128.297			
CLASS	MOD	MODIFICATION TITLE										
P	T4251E	LANCER 101E										
	Z88888	REPROGRAMMINGS										
		CLASS P										
		TOTAL FOR B-1										
TOTAL FOR B-1		55.9	128.5	106.2	122.2	113.7	93.3	176.3	242.3	42.1		
		66.5	136.3	114.2	127.4	116.3	93.3	176.3	244.6	4.3		

Totals may not add due to rounding.

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DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: AFT DC POWER UPGRADE MN-10407A

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: OC-ALC

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

CLC B-1 CLASS P-S

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: B-1 aircraft periodically experience electrical bus failure and subsequent rapid discharge of the aircraft aft battery, which results in a safety of flight condition. The aircraft requires modification to provide redundant power to the aft and fwd DC power busses & replacement of the current NICAD battery which has low reliability.
AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	34	4.5	23	1.6	23	1.6	15	1.3				
KITS NONRECUR		0.7										
EQUIPMENT	(34)	3.1	(23)	0.8	(23)	0.8	(15)	0.7				
EQUIP NONREC		1.6										
CHANGE ORDERS												
DATA		0.7		0.1		0.1		0.1				1.1
SIM/TRAINER		1.4										
SUPPORT-EQUIP		0.7										
MOD OF SPARES	(24)	0.5	(5)	0.1	(5)	0.1	(5)	0.1		0.1		
INSTALLATION OF HARDWARE												
FY-94 11 KITS	(4)	0.7	(7)	1.7	(7)	1.9	(8)	2.0				
FY-95 23 KITS		3.9	(16)	3.3	(15)	3.8	(15)	3.8	(8)	2.2	(5)	1.4
FY-96 23 KITS									(10)	2.8		
FY-97 23 KITS										5.0	5	1.4
FY-98 15 KITS										5.1		2.5
TOTAL INSTALL QTY/COST	4	0.7	23	5.6	22	5.1	23	5.8	18			
TOTAL COST (BP-1100)	34	13.9	23	8.1	23	7.7	15	8.0				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 15 MONTHS												
FOLLOW-ON LEAD TIME -- 15 MONTHS												

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FACT SHEET: B-1 MN-10407A AFT DC POWER UPGRADE (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD14E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES

INSTALLATION OF HARDWARE

FY-94 11 KITS
FY-95 23 KITS
FY-96 23 KITS
FY-97 23 KITS
FY-98 15 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	2/94	1/95	1/96	1/97	1/98		
DELIVERY-DATE (QTR/FY)	3/95	2/96	2/97	2/98	2/99		

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					1	3	4	6	5	6	6	6
OUTPUT						1	3	4	6	5	6	6

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4
INPUT	5	4	4	5	4	1		
OUTPUT	5	5	4	4	5	4	1	

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DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: FIRE WARNING AND EXTINGUISHING PANEL MN-4333

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P-S

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: OC-ALC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Funds will be used to initiate the Fire Warning and Extinguishing Panel (FWEP) upgrade to this safety critical device. The current FWEP has been a maintenance and reliability problem. A new panel will solve this problem and ensure proper warning to aircrews of a fire in the engine bay, APU bay, or in overwing fairing area.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)	14	0.4	81	2.2								
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.8		0.1								
SIM/TRAINER		0.6		0.2								
SUPPORT-EQUIP												

TOTAL COST (BP-1100) 14 1.8 81 2.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 8 MONTHS
FOLLOW-ON LEAD TIME -- 8 MONTHS

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FACT SHEET: B-1 MN-4333 FIRE WARNING AND EXTINGUISHING PANEL (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR								95	2.6
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									0.9
SIM/TRAINER									0.8
SUPPORT-EQUIP									
TOTAL COST (BP-1100)								95	4.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-95		FY-96							
CONTRACT-DATE (QTR/FY)		3/96							
DELIVERY-DATE (QTR/FY)		1/97							

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DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

FY 1998 PB
MODIFICATION TTIE AND NO: NAVSTAR GPS - COMM UPGRADE (A/J RADIO)
MN-3150-R

PE	0101126F	TEAM POWER
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CENTER: ASC

MODELS OF AIRCRAFT AFFECTED: B-1B

DESCRIPTION/JUSTIFICATION: This modification improves the B-1's conventional mission effectiveness by upgrading the communications and navigational systems via the integration / installation of a Miniaturized Airborne Global Positioning System Receiver and an anti-jam radio. The GPS navigation system provides the ability to operate worldwide in all weather conditions with highly accurate, jam-resistant, 3-dimensional position, velocity and time data; increases weapon delivery accuracy; and provides required interfaces for GPS-aided munitions (i.e., JDAM & JSOW). The communications upgrade portion of the modification installs an anti-jam UHF/VHF/SINGCARS radio with SATCOM and voice only Demand Assigned Multiple Access (DMA) capability to allow the aircraft to communicate with the force package when operating in hostile airspace. GPS/Comm components are priced as single kits and installs.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: EMD costs for JDAM/1760 and GPS/comm are estimated as a single program, so they cannot be separated reasonably. GPS Group B orders are put on contract in Jan of each year by the GPS-JPO. Delivery dates reflect total kit (Group A & B) lead times.

GPS Group B orders are put on contract in Jan of each year by the GPS-JPO. Delivery dates reflect total kit (Group A & B) lead times.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)		133.9			122.7			97.8			74.5			1.9				
PROCUREMENT (3010)																		
INSTALL KITS			1	0.4	28			11.5	66	16.6								
KITS NONRECUR																		
EQUIPMENT	(1)			1.0	(28)			14.5	(66)	19.2								
EQUIP NONREC				0.6														
CHANGE ORDERS				0.9				0.9		2.6								
DATA										0.2							0.8	
SIM/TRAINER										1.9							1.4	
SUPPORT-EQUIP								2.6		0.8								
GFE				0.1				1.7		3.9								
INSTALLATION OF HARDWARE																		
FY-96 1 KITS							(1)	0.7										
FY-97 28 KITS							(6)	1.8	(22)									
FY-98 66 KITS																(66)	31.1	
TOTAL INSTALL QTY/COST									7	2.5	22			9.7		66	31.1	
TOTAL COST (BP-1100)			1	2.9	28			31.2	66	47.7				13.4			33.3	

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 21 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: B-1 MN-3150-R NAVSTAR GPS - COMM UPGRADE (A/J RADIO) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)									95	28.5
INSTALL KITS										
KITS NONRECUR										34.6
EQUIPMENT										0.6
EQUIP NONREC										4.3
CHANGE ORDERS										1.3
DATA										6.6
SIM/TRAINER										3.4
SUPPORT-EQUIP										5.7
GFE										
INSTALLATION OF HARDWARE										
FY-96 1 KITS							(1)			0.7
FY-97 28 KITS							(28)			11.5
FY-98 66 KITS							(66)			31.1
TOTAL INSTALL QTY/COST									95	43.3
TOTAL COST (BP-1100)									95	128.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT		1	2	4	1	10	16	17	18	15
OUTPUT					1	4	2	1	10	12
									17	17
									13	

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DATE 02/14/97 EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: AVIONICS COMPUTERS MN-4252
CLC B-1 CLASS P
MODELS OF AIRCRAFT AFFECTED: B-1B CENTER: ASC
PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: This modification increases the B-1's conventional weapons capability by upgrading six avionics computer units and two Data Transfer Units (DTUs). This increases data processing capability and significantly improves long term supportability. The upgrade also enables simultaneous carriage of weapon types (weapon flexibility) and greatly reduces the software cost and development schedule to add new weapons such as JSOW and JASSM. Total quantity procured is 103: 95 kits for aircraft and 8 for software labs and simulators.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: EMD completes in FY98 and software integration efforts initiated in FY99..

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT	QTY	QTY	AMT	QTY	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	QTY	AMT	AMT
RDR&E (3600)		5.3			13.3			29.8		49.0		49.3					70.0	
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
GFE																		
INSTALLATION OF HARDWARE																		
FY-99	3																	
FY-01	17																	
FY-02	28																	
FY-03	29																	
FY-04	18																	
TOTAL INSTALL QTY/COST																		
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM																		
INITIAL LEAD TIME -- 21 MONTHS																		
FOLLOW-ON LEAD TIME -- 18 MONTHS																		

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FACT SHEET: B-1 MN-4252 AVIONICS COMPUTERS
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		FY-04		FY-05		FY-06		TOTAL
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RD&E (3600)		27.0											
PROCUREMENT (3010)													
INSTALL KITS	17	6.9	28	11.1	29	11.2	18	6.8	95	37.1			
KITS NONRECUR													
EQUIPMENT	(17)	18.6	(28)	29.8	(29)	30.1	(18)	19.0		105.1			
EQUIP NONREC		1.2		2.0		2.4		2.4		2.7			
CHANGE ORDERS		0.6		0.3						8.5			
DATA				5.0		2.4		2.4		1.9			
SIM/TRAINER		0.7								9.8			
SUPPORT-EQUIP		0.4		0.7		0.7		0.5		1.1			
GFE										2.3			
INSTALLATION OF HARDWARE													
FY-99 3 KITS	(3)	0.3							(3)	0.3			
FY-01 17 KITS			(3)	0.3	(14)	1.4			(17)	1.7			
FY-02 28 KITS					(14)	1.4	(14)	1.5	(28)	2.9			
FY-03 29 KITS							(29)	3.1	(29)	3.1			
FY-04 18 KITS							(18)	2.0	(18)	2.0			
TOTAL INSTALL QTY/COST	3	0.3	3	0.3	28	2.9	61	6.6	95	10.0			
TOTAL COST (BP-1100)	17	28.7	28	49.2	29	49.5	18	37.6	95	178.5			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
CONTRACT-DATE (QTR/FY)													
DELIVERY-DATE (QTR/FY)													
INSTALLATION SCHEDULE:													
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT													
OUTPUT													
INSTALLATION SCHEDULE:													
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT													
OUTPUT													

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DATE 02/14/97

MODIFICATION OF AIRCRAFT

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: JDAM/1760 CONVENTIONAL ENHANCEMENTS MN-4253

CLC B-1

CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F

TEAM POWER

DESCRIPTION/JUSTIFICATION: This modification procures 126 launcher conversion kits to integrate Joint Direct Attack Munitions (JDAM) onto the B-1B aircraft. JDAM is the first Mil-Std-1760 weapon planned for the B-1, so the mod reduces future weapons integration costs by providing the Mil-Std-1760 interface equipment for the B-1B now for JDAM and future 1760-type weapons (i.e., WCMD and JSOW). The first three kits (FY96) are kit-proof units; the remaining 123 kits will be delivered to ACC for field-level installation on existing launchers in the inventory.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Safe separation flight testing started in FY96. Note: EMD costs for JDAM/1760 and GPS/comm were estimated as a single program, so they cannot be separated reasonably.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)		133.9			122.7			97.8			74.5			1.9				
PROCUREMENT (3010)																		
INSTALL KITS	3			3	0.2		18	0.8		21	0.9		66	3.5		18	1.1	
KITS NONRECUR																		
EQUIPMENT	(3)			(3)	2.0		(18)	10.9		(21)	11.9		(66)	37.5		(18)	10.0	
EQUIP NONREC					0.1			1.0			0.3			2.3			1.1	
CHANGE ORDERS											0.6			0.4			0.8	
DATA																		
SIM/TRAINER					3.0						0.3			0.9			1.9	
SUPPORT-EQUIP														1.0			0.9	
GFE																		
TOTAL COST (BP-1100)	3			3	5.2		18	12.7		21	14.0		66	45.6		18	15.8	

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 21 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: B-1 MN-4253 JDM/1760 CONVENTIONAL ENHANCEMENTS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									126	6.5
KITS NONRECUR										
EQUIPMENT										72.2
EQUIP NONREC										1.0
CHANGE ORDERS										3.7
DATA										1.8
SIM/TRAINER										5.8
SUPPORT-EQUIP										2.2
GFE										
TOTAL COST (BP-1100)									126	93.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00		
CONTRACT-DATE (QTR/FY)				3/96	2/97	3/98	1/99	1/00		
DELIVERY-DATE (QTR/FY)				3/98	4/98	2/00	4/00	3/01		

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: CITS DEPLOYABLE DIAGNOSTIC SYSTEM (CDDS) MN-4255
MODELS OF AIRCRAFT AFFECTED: B-1B
CENTER: OC-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P
EXHIBIT P3A CONGRESSIONAL
PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Implements one of the recommendations in section 5 of the B-1B Operational Readiness Assessment (ORA) Final Report. The Central Integrated Test System (CITS) Deployable Diagnostic System (CDDS) upgrade is a revised title for the CEPS Rehost software upgrade described in the ORA Report, Section 5 to more accurately describe the modification. CDDS is a ground based system used to analyze flight and ground readiness data generated by the B-1B on-board CITS. CDDS provides diagnostic advice to aircraft maintainers and reduces the manhours necessary to generate sorties. This modification for upgrade of obsolete hardware reduces data processing time as well as providing the capability to deploy the system and reducing mean time between repairs. The expert parameter system will also be expanded to include customer selected aircraft subsystems.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS						8												
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
SOFTWARE																		

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: B-1 MN-4255 CITS DEPLOYABLE DIAGNOSTIC SYSTEM (CDDS) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR								8	0.9
EQUIPMENT									0.6
EQUIP NONREC									
CHANGE ORDERS									
DATA									0.4
SIM/TRAINER									
SUPPORT-EQUIP									
SOFTWARE									5.2
TOTAL COST (BP-1100)								8	7.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									

FY-96

CONTRACT-DATE (QTR/FY) 2/96
DELIVERY-DATE (QTR/FY) 2/97

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DATE 02/14/97

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

FY 1998 PB

MODIFICATION TITLE AND NO: GENERATOR CONTROL UNIT REDESIGN MN-4298

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: OC-ALC

0101126F	TEAM POWER
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DESCRIPTION/JUSTIFICATION: The electrical power generator and distribution system generates and distributes AC/DC power and provides control, monitor and protection functions. The Generator Control Unit (GCU) controls a regulator that provides +15V DC for 9 of 10 printed wire assembly (PWA) boards in the GCU. Loss of this regulator results in loss of proper monitoring and protection. This will ultimately result in degraded primary AC bus voltage which degrades aircraft system performance and will jeopardize safety of aircraft and crew. A redesigned circuit would provide an automatic trip of the Generator Line Contactor (GLC) in event of loss of the +15V DC supply. Implementation of this circuit would eliminate the aforementioned problems. This is a proposed safety mod.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)						
PROCUREMENT (3010)						
INSTALL KITS			1	0.1	94	4.1
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA				2.1		0.3
SIM/TRAINER						
SUPPORT-EQUIP				1.3		
MOD OF SPARES	(15)	0.2	(57)	1.2	(47)	0.8
INSTALLATION OF HARDWARE						
FY-97 1 KITS					(47)	0.2
FY-98 94 KITS						
TOTAL INSTALL QTY/COST						
TOTAL COST (BP-1100)						

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

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EACT SHEET: B-1 MN-4298 GENERATOR CONTROL UNIT REDESIGN (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)									95	4.2
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										2.8
SIM/TRAINER										
SUPPORT-EQUIP										1.3
MOD OF SPARES										2.2
INSTALLATION OF HARDWARE										
FY-97 1 KITS							(1)			0.0
FY-98 94 KITS							(94)			0.4
TOTAL INSTALL QTY/COST									95	0.4
TOTAL COST (BP-1100)									95	10.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98 FY-99 FY-00										
CONTRACT-DATE (QTR/FY)	1/97	1/97	2/98							
DELIVERY-DATE (QTR/FY)	2/98	2/98	3/99							
INSTALLATION SCHEDULE:										
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT										
OUTPUT										

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DATE 02/14/97

MODIFICATION OF AIRCRAFT

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: CONVENTIONAL BOMB MODULE MODIFICATION MN-4300

CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Modification procures kits to convert 50 of the existing MK-82 (500 pound class weapons), 28 station conventional bomb modules to carry ten 1000 pound class weapons, of various sizes, to include Cluster Bomb Units (CBU). This effort also provides for future growth weapons capability by added structure enhancements and provisions for later Mil-Std 1760 wiring incorporation. This modification will enhance the conventional capability of the aircraft and allow it to perform assigned missions / responsibilities.

AIRCRAFT BREAKDOWN: Active -- 38 RES -- 0 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		29.1										
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	21	10.3	29	8.4								
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 21 KITS			(15)	0.4	(6)	0.2						
FY-96 29 KITS					(29)	1.2						
TOTAL INSTALL QTY/COST			15	0.4	35	1.4						
TOTAL COST (BP-1100)	21	10.3	29	8.8		1.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 8 MONTHS												
FOLLOW-ON LEAD TIME -- 8 MONTHS												

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FACT SHEET: B-1 MN-4300 CONVENTIONAL BOMB MODULE MODIFICATION (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDTE (3600)

PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-95 21 KITS										
FY-96 29 KITS										
TOTAL INSTALL QTY/COST										
TOTAL COST (BP-1100)										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										

	FY-93		FY-94		FY-95		FY-96		FY-97	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS										
INPUT										
OUTPUT										

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DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

MODIFICATION TITLE AND NO: ADD'L CONVENTIONAL BOMB MODULES MN-4302

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: This modification procures additional 10-carry conventional bomb modules for expanded conventional capability to meet mission requirements. The new modules will add capability to the existing 50 Phase I CMUP conventional bomb modules. This funding will be reprogrammed to BP19 for new procurement versus a modification.

DEVELOPMENT STATUS: TBD - Depends on final acquisition design.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					(14)	31.1						
EQUIPMENT												
EQUIP NONREC						0.9						
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)						32.0						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 21 MONTHS						FOLLOW-ON LEAD TIME -- 21 MONTHS						

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FACT SHEET: B-1 MN-4302 ADD'L CONVENTIONAL BOMB MODULES (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96		FY-97							
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
31.1									
0.9									
32.0									

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: DIRECTION FINDING ENCODER (DFE) MN-4305
MODELS OF AIRCRAFT AFFECTED: B-1B
CENTER: WR-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P
PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Current DF Encoder anomalies yield corrupt information on emitters and delay responses and display times. A number of software "work arounds" implemented in PFS 4.01 and PFS 4.02 partially correct the problem; however, significant maintenance time is spent working DF-related problems and false CITS alarms. This modification will provide several benefits to the system: Accurate, reliable angle of arrival; greatly improved, stable DSO displays (situational awareness); more effective jamming; reduced computer processing and memory; and reduced maintenance costs.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: None required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					(95)	1.9						
EQUIPMENT												
EQUIP NONREC						0.2						
CHANGE ORDERS						0.4						
DATA						1.0						
SIM/TRAINER												
MOD OF SPARES												
MOD OF SPARES												
TOTAL COST (BP-1100)						3.4						

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION --- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: B-1 MN-4305 DIRECTION FINDING ENCODER (DFE) (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									1.9
EQUIP NONREC									
CHANGE ORDERS									0.2
DATA									
SIM/TRAINER									0.4
MOD OF SPARES									1.0
MOD OF SPARES									3.4

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-96	FY-97
-----	-----
CONTRACT-DATE (QTR/FY)	4/97
DELIVERY-DATE (QTR/FY)	4/98

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DATE 02/14/97

MODIFICATION OF AIRCRAFT

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: RF TOWED DECOY SYSTEMS MN-5013

CLC B-1

CLASS P

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: ASC

PE 0207442F

TEAM INFO

DESCRIPTION/JUSTIFICATION: This modification installs the Navy AN/ALE-50(V)-1 Towed Decoy System (TDS) on the B-1B. The major components of the TDS include 2 launcher controllers, 2 launchers with magazines and canisters, and 8 AN/ALE-50 decoy rounds. These assets will be provided as GFP to Boeing North American, the TDS integrator. TDS will employ the AN/ALE-50 as a repeater decoy to improve the survivability of the B-1B against radar directed threat systems. Funding does not include decoy rounds.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Contractor EMD for Group A and B CFE began 3/95. MS III is planned for 1/98. Kit proof procured 2/97, installation begins 2/98.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)						24.1		3.2				
PROCUREMENT (3010)												
INSTALL KITS					1	2.4	12	12.1	21	18.5	23	19.3
KITS NONRECUR					(1)	0.6	(12)	6.3	(21)	11.4	(23)	12.9
EQUIPMENT												
EQUIP NONREC								0.7		0.5		2.7
CHANGE ORDERS								0.2		0.4		0.4
DATA												
SIM/TRAINER								0.5				
SUPPORT-EQUIP								0.1		0.2		0.2
TRAINING								0.3		0.3		0.3
PMA												
INSTALLATION OF HARDWARE					(1)		0.2		(12)	1.9	(21)	3.4
FY-97 1 KITS												
FY-98 12 KITS												
FY-99 21 KITS												
FY-00 23 KITS												
FY-01 23 KITS												
FY-02 15 KITS												

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

FACT SHEET: B-1 MN-5013 RF TOWED DECOY SYSTEMS (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

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		FY-01		FY-02		FY-03		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS		23	18.9	15	12.2					95	83.4
KITS NONRECUR											
EQUIPMENT		(23)	12.4	(15)	8.5						52.0
EQUIP NONREC											
CHANGE ORDERS			2.6		2.0		0.1				8.6
DATA			0.4		1.8		0.9				4.1
SIM/TRAINER											
SUPPORT-EQUIP											
TRAINING			0.2		2.2		1.0				0.5
PMA			0.3		0.3		0.3				3.9
TOTAL									0.3		2.1
INSTALLATION OF HARDWARE											
FY-97 1 KITS										(1)	0.2
FY-98 12 KITS										(12)	1.9
FY-99 21 KITS										(21)	3.4
FY-00 23 KITS		(23)	3.8							(23)	3.8
FY-01 23 KITS				(23)	5.3					(23)	5.3
FY-02 15 KITS						(15)	3.6			(15)	3.6
TOTAL INSTALL QTY/COST		23	3.8	23	5.3	15	3.6			95	18.1
TOTAL COST (BP-1100)		23	38.5	15	32.3		5.9		0.3	95	172.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 FY-04											
CONTRACT-DATE (QTR/FY)		1/97	1/98	1/99	1/00	1/01	1/02				
DELIVERY-DATE (QTR/FY)		2/98	2/99	2/00	2/01	2/02	2/03				
INSTALLATION SCHEDULE:											
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 FY-04											
QUARTERS		1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT											
OUTPUT											
INSTALLATION SCHEDULE:											
FY-01											
QUARTERS		1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT		5 6	5 6	5 6	5 6	5 6	5 6	5 6	5 6	5 6	5 6
OUTPUT		5 5	5 6	5 6	5 6	5 6	5 6	5 6	5 6	5 6	5 6

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DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: SIMULATOR UPDATES MN-5047
MODELS OF AIRCRAFT AFFECTED: B-1B
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P
PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: This modification provides visual and computation updates to the training system. The visual effort is being accomplished through an Air Combat Command (ACC) program called Interoperable Visuals/Sensors for ACC (IVACC). FY93/94 funds purchase off-the-shelf equipment to support the Visual Sensor Simulation (VSS) systems for four Weapon System Trainers (WST), plus Training Support Center (TSC) database utilization capability. Contract changes for one WST and two Mission Trainers (MT) were exercised in FY95. FY97 funds will be used for a computation system upgrades to the Cockpit Procedures Trainers (CPT) and Maintenance Training Equipment (MTE) to expand memory and spare time to accommodate Block D upgrades.

DEVELOPMENT STATUS: No development.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER		18.6				6.9		5.3				5.6
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		18.6				6.9		5.3				5.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT FIELD TEAM												
INITIAL LEAD TIME -- 15 MONTHS												
FOLLOW-ON LEAD TIME -- 15 MONTHS												

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FACT SHEET: B-1 MN-5047 SIMULATOR UPDATES
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.0
SIM/TRAINER										36.4
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
TOTAL INSTALL QTY/COST										
TOTAL COST (BP-1100)										36.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99				
CONTRACT-DATE (QTR/FY)	2/94	2/94	2/95	2/97	2/98	2/99				
DELIVERY-DATE (QTR/FY)	3/95	3/95	3/96	3/98	3/99	3/00				

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DATE	02/14/97	MODIFICATION OF AIRCRAFT FY 1998 PROGRAM	EXHIBIT P3A CONGRESSIONAL
FY 1998 PB			
MODIFICATION TITLE AND NO:	WAVEFORM GENERATOR EEPROMS MN-5052	APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC B-1 CLASS P	
MODELS OF AIRCRAFT AFFECTED:	B-1B	CENTER: WR-ALC	PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Replaces existing fusible link Programmable Read Only Memory (PROM) printed circuit boards in the wave-form generator with Electronically Erasable (EE) PROMs. Current procedures to change waveform data embedded in the PROMs requires removal and replacement of PROMs at the depot. This removal and replacement process can take 18-36 months to rotate all B-1B waveform circuit cards through the depot. The number of times this process can be accomplished is limited without jeopardizing the integrity of the multi-layer boards. Implementing EPROMs in the waveform generator provides ACC with the capability of rapid reprogramming waveform data at field sites. The replacement PROMs will contain new waveform data as required by the user. The FY98/99 funds are in support of a WR-ALC Depot Field Team to visit the user sites for the purpose of a modifying the WRG LRUs (installs & spares). Removal of the unmodified LRU from the aircraft and re-installation of the modified LRU will be accomplished by O&I resources.

AIRCRAFT BREAKDOWN: Active -- 79 RES -- 0 ANG -- 16

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDTE (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT			93	2.6														
EQUIP NONREC			2	0.1														
CHANGE ORDERS																		
DATA																		
SIM/TRAINER									0.4									
SUPPORT-EQUIP				0.4					0.6									
MOD OF SPARES			(38)	0.7														
SOFTWARE				0.2					0.3									
INSTALLATION OF HARDWARE																		
FY-96 95 KITS											(47)	0.3	(48)	0.3				
TOTAL INSTALL QTY/COST											47	0.3	48	0.3				
TOTAL COST (BP-1100)			95	3.9					1.3			0.3		0.3				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: B-1 MN-5052 WAVEFORM GENERATOR EEPROMS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									93	2.6
EQUIPMENT									2	0.1
EQUIP NONREC										0.4
CHANGE ORDERS										1.0
DATA										0.7
SIM/TRAINER										0.5
SUPPORT-EQUIP										0.6
MOD OF SPARES										5.8
SOFTWARE										
INSTALLATION OF HARDWARE										
FY-96 95 KITS							(95)			
TOTAL INSTALL QTY/COST									95	0.6
TOTAL COST (BP-1100)									95	5.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98 FY-99										
CONTRACT-DATE (QTR/FY) 2/96										
DELIVERY-DATE (QTR/FY) 2/98										
INSTALLATION SCHEDULE: FY-96										
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4										
INPUT 15 15 15 15 15 15 15 15 15 15 15 15 15 15										
OUTPUT 15 15 15 15 15 15 15 15 15 15 15 15 15 15										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: 1122 IMPROVEMENT MN-82U800
MODELS OF AIRCRAFT AFFECTED: B-1B
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P
PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Improves the 1122 technique beyond the current baseline. Includes frequency extension, multiple point threat handling capability, and improved power handling. Planned FY97 and FY98 kit buys were cancelled. FY98 funds are to install the last of the kits procured in FY96.
AIRCRAFT BREAKDOWN: Active -- 51 RES -- 0 ANG -- 11

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS	47	17.5		15	5.1													
KITS NONRECUR		5.9																
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA		1.4			0.3													
SIM/TRAINER																		
SUPPORT-EQUIP		1.5																
MOD OF SPARES		0.1																
INSTALLATION OF HARDWARE																		
FY-92 1 KITS (1)		0.3																
FY-93 15 KITS (15)		3.2																
FY-95 31 KITS				(18)	3.8		(9)	1.7		(6)	0.9							
FY-96 15 KITS																		
TOTAL INSTALL QTY/COST	16	3.5		18	3.8		22	2.8		6	0.9							
TOTAL COST (BP-1100)	47	29.8		15	9.2			5.8			1.0							
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT																		
INITIAL LEAD TIME -- 18 MONTHS																		
FOLLOW-ON LEAD TIME -- 18 MONTHS																		

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(CONTINUED)

FACT SHEET: B-1 MN-82U800 1122 IMPROVEMENT
PROJECTED FINANCIAL PLAN (CONTINUED)

RDt&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

MOD OF SPARES

INSTALLATION OF HARDWARE

FY-92 1 KITS

FY-93 15 KITS

FY-95 31 KITS

FY-96 15 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

CONTRACT-DATE (QTR/FY) 4/92 3/93 1/95 1/96 3/97

DELIVERY-DATE (QTR/FY) 2/94 1/95 3/96 3/97

INSTALLATION SCHEDULE: FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

OUTPUT 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INSTALLATION SCHEDULE: FY-97 FY-98

QUARTERS 1 2 3 4 1 2 3 4

INPUT 5 5 5 5 5 5 5 5

OUTPUT 8 5 5 5 5 5 5 5

RDt&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

MOD OF SPARES

INSTALLATION OF HARDWARE

FY-92 1 KITS

FY-93 15 KITS

FY-95 31 KITS

FY-96 15 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

CONTRACT-DATE (QTR/FY) 4/92 3/93 1/95 1/96 3/97

DELIVERY-DATE (QTR/FY) 2/94 1/95 3/96 3/97

INSTALLATION SCHEDULE: FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

OUTPUT 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INSTALLATION SCHEDULE: FY-97 FY-98

QUARTERS 1 2 3 4 1 2 3 4

INPUT 5 5 5 5 5 5 5 5

OUTPUT 8 5 5 5 5 5 5 5

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DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: LANCER 101C MN-T4251C

MODELS OF AIRCRAFT AFFECTED: B-1B

CENTER: OC-ALC

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P

PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Applies to F101 engines. Corrects safety related problems in combustor dome/cowl and the high pressure turbine aft retainer. Corrects high maintenance man-hour problems with the HPT nozzle, forward center body, augmentor spray bar, alternator nut, gearbox bevel gear, HPC blade cropping No. 3 bearing retainer ring, and CDP seal joint. Each B-1 aircraft will be affected by this modification. There are four engines per aircraft. Kits procured in FY92/93 will be installed by field personnel (i.e., O&I); leadtimes vary in these years because kits are being produced at the item manager level. FY94/95 kit procurements revert to the normal 12 month leadtime and require depot level install.

AIRCRAFT BREAKDOWN: Active -- 390 RES -- 0 ANG -- 64

DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)						
PROCUREMENT (3010)						
INSTALL KITS						
KITS NONRECUR	454	32.3				
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA		0.1				
SIM/TRAINER		2.4				
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY-92 102 KITS (102)						
FY-93 166 KITS (166)						
FY-94 104 KITS (104)						
FY-95 82 KITS (82)		0.9				
TOTAL INSTALL QTY/COST	372					
TOTAL COST (BP-1100)	454	34.9				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)						

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 3 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: B-1 MN-T4251C LANCER 101C (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RT&E (3600)

PROCUREMENT (3010)

INSTALL KITS										
KITS NONRECUR									454	32.3
EQUIPMENT										
EQUIP NONREC										0.1
CHANGE ORDERS										2.4
DATA										
SIM/TRAINER										

SUPPORT-EQUIP
INSTALLATION OF HARDWARE

FY-92 102 KITS									(102)	
FY-93 166 KITS									(166)	
FY-94 104 KITS									(104)	
FY-95 82 KITS									(82)	0.9

TOTAL INSTALL QTY/COST

									454	0.9
									454	35.7

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY)	3/94	4/94	4/94	2/95		
DELIVERY-DATE (QTR/FY)	4/94	1/95	4/95	2/96		

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT												
OUTPUT												

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4
INPUT				
OUTPUT				

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: LANCER 101D MN-T4251D
MODELS OF AIRCRAFT AFFECTED: B-1B
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P
PE 0101126F TEAM POWER
DESCRIPTION/JUSTIFICATION: Corrects F101 engine problems that are high maintenance hour and future NMC drivers by modifying: high turbine FWO
outer seal, thrust control actuator, turbine frame oil tube, VSV rigging, power managed aft control, front frame, and low pressure turbine
stage 2 blades.
AIRCRAFT BREAKDOWN: Active -- 390 RES -- 0 ANG -- 64

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	76	2.9	317	17.7	56	8.5	5	0.4				
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER		0.1										
SUPPORT-EQUIP												
TOTAL COST (BP-1100)	76	3.0	317	17.7	56	8.5	5	0.4				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
ORG/INTERMEDIATE												
INITIAL LEAD TIME --												
12 MONTHS												
FOLLOW-ON LEAD TIME --												
12 MONTHS												

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: LANCER 101E MN-T4251E
MODELS OF AIRCRAFT AFFECTED: B-1B
CENTER: OC-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-1 CLASS P
PE 0101126F TEAM POWER

DESCRIPTION/JUSTIFICATION: Corrects F-101 engine deficiencies in the Central Integrated Test System (CITS) processor and fuel/lube tube fittings to reduce or eliminate future Not Mission Capable (NMC) problem areas. This mod also incorporates the newly developed ruggedized fan blade upgrade. Kits will be installed under the engine overhaul program on engines cycling through depot within the required time-frame. Installation of other kits will be at organizational level.
AIRCRAFT BREAKDOWN: Active -- 390 RES -- 0 ANG -- 64

DEVELOPMENT STATUS: N/a

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					106	10.1	117	10.5	124	11.0	108	9.9
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER						0.1		0.5				
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 106 KITS												
FY-98 117 KITS												
FY-99 124 KITS												
FY-00 108 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)					106	10.2	117	11.0	124	11.0	108	9.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 6 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: B-1 MN-T4251E LANCER 101E (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									455	41.5
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.6
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-97 106 KITS										
FY-98 117 KITS										
FY-99 124 KITS										
FY-00 108 KITS										
TOTAL INSTALL QTY/COST										
TOTAL COST (BP-1100)										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99	FY-00					
		1/97	1/98	1/99	1/00					
CONTRACT-DATE (QTR/FY)		3/97	1/99	1/00	1/01					
DELIVERY-DATE (QTR/FY)										

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS							P-1 ITEM NOMENCLATURE: B-52	
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$4.765	\$20.263	\$28.907	\$61.130	\$42.773	\$34.040	\$20.875	\$6.778

This line item funds modifications to the B-52H aircraft. The B-52H strategic bomber maintains nuclear and conventional taskings. The overall goal of the modifications budgeted in FY98 is to conventionally enhance 66 B-52H aircraft to replace the retired conventionally tasked B-52G aircraft. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3150	NAVSTAR GLOBAL POSITIONING SYS	1.9	0.2	1.5	2.7						32.2
	3263	INTEGRATED CONV STORES MGMT SY	0.7	0.3	3.0	5.7	2.7					70.7
	3264	ELECTRO-OPTICAL VIEWING SYSTEM		0.1	1.1	3.9	2.0	2.4				9.4
	3308	VINSON				0.7	0.6					3.1
	4222	ARC-210 RADIO	1.1	1.0	0.5	5.5	1.5					24.2
	4258	HARPOON	0.9									5.7
	4260	ADVANCED WEAPON INTEGRATION		4.2	6.6	5.1						15.8
	4270	ECM IMPROVEMENT			4.7	21.9	31.3	31.5	20.9	6.8	0.2	117.3
	4371	GPS TACAN		3.0	11.5	15.6	4.7					34.7
	49203B	HIGH RELIABILITY BATTERY	1.3									10.8
	99999X	LOW COST MODIFICATIONS			0.1	0.1	0.1					0.8
	288888	REPROGRAMMINGS	-1.0	11.5								10.6
		CLASS P	4.8	20.3	28.9	61.1	42.8	34.0	20.9	6.8	0.2	
		TOTAL FOR B-52	4.8	20.3	28.9	61.1	42.8	34.0	20.9	6.8	0.2	

TOTAL FOR B-52

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 025		PAGE NO.	95
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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: B-52H
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT E3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
CENTER: OC-AIC
PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: Navstar GPS provides worldwide three-dimensional positioning/navigation for military aircraft. GPS is baselined to ICSM and HAVE NAP. First 10 kits are refurbished kits taken from retiring G-models. Remaining kits are new procurement. Installation pricing varies because some kits are contractor installed and some are depot installed.
AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
QTY	AMT	QTY	AMT	QTY	AMT	QTY

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS	66	7.8				
KITS NONRECUR	(1)	3.9		3	0.6	2
EQUIPMENT	(66)	4.1		(3)	0.9	(2)
EQUIP NONREC						
CHANGE ORDERS		1.8				
DATA		2.1				
SIM/TRAINER	(7)	1.0				
SUPPORT-EQUIP		1.1				
INSTALLATION OF HARDWARE						
FY-92 24 KITS	(24)	2.0				
FY-94 34 KITS	(22)	2.2	(2)	0.2	(1)	0.2
FY-95 8 KITS						
FY-98 3 KITS						
FY-99 2 KITS						

TOTAL INSTALL QTY/COST	46	4.2	2	0.2	1	0.2
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TOTAL COST (BP-1100)	66	26.0		1.9		
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(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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FACT SHEET: B-52 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									71	8.7
KITS NONRECUR										3.9
EQUIPMENT										5.4
EQUIP NONREC										2.9
CHANGE ORDERS										2.7
DATA										1.0
SIM/TRAINER										1.1
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-92 24 KITS									(24)	2.0
FY-94 34 KITS									(34)	3.3
FY-95 8 KITS									(8)	0.7
FY-98 3 KITS									(3)	0.4
FY-99 2 KITS									(2)	0.2
TOTAL INSTALL QTY/COST									71	6.6
TOTAL COST (BP-1100)									71	32.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										

MILESTONES										
CONTRACT-DATE (QTR/FY)	1/92									
DELIVERY-DATE (QTR/FY)	1/92									
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	6	6	6	6					5	6
OUTPUT					6				6	
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									5	6
OUTPUT									6	

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: INTEGRATED CONV STORES MGMT SYS MN-3263
MODELS OF AIRCRAFT AFFECTED: B-52H
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: This program provides an Integrated Conventional Stores Management System (ICMS) using Military Standard 1760 specifications. The system is integrated into the offensive avionics system software and will enable the B-52 to carry, program, and launch new conventional weapons that are built to Military Standard 1760. FY93 uses excess B-52G group B kits for B-52H installation. This modification is baselined to the NAVSTAR GPS (MN# 3150), HAVE NAP (MN# 3375A), Harpoon (MN# 4258), and Advanced Weapon Integration (MN# 4260) modifications. The ECP funds mods to additional pylons in support of increased force structure.

AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	66	15.6										
KITS NONRECUR	1	15.0					4	1.0				
EQUIPMENT		0.1										
EQUIP NONREC		2.4										
CHANGE ORDERS												
DATA		3.8										
SIM/TRAINER		1.8						0.9				
SUPPORT-EQUIP		10.8						0.8				
TOOLING		0.2										
ECP (PYLONS)												
OGC								0.1				
INSTALLATION OF HARDWARE												
FY-93 10 KITS	(10)	3.5										
FY-94 38 KITS	(36)	5.1	(2)	0.3	(2)	0.2	0.3	(15)	1.7			
FY-95 19 KITS												
FY-98 4 KITS												
TOTAL INSTALL QTY/COST	46	8.6	2	0.3	2	0.2	0.3	19	2.3			
TOTAL COST (BP-1100)	67	58.3		0.7		0.3	3.0		5.7			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 6 MONTHS												
FOLLOW-ON LEAD TIME -- 6 MONTHS												

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*** UNCLASSIFIED ***

FACT SHEET: B-52 MN-3263 INTEGRATED CONV STORES MGMT SYS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									66	15.6
KITS NONRECUR									5	16.0
EQUIPMENT										0.3
EQUIP NONREC										3.6
CHANGE ORDERS										1.4
DATA										6.4
SIM/TRAINER										1.8
SUPPORT-EQUIP										12.9
TOOLING										0.2
ECP (PYLONS)										0.6
OGC										0.1
INSTALLATION OF HARDWARE										
FY-93 10 KITS									(10)	3.5
FY-94 38 KITS									(38)	5.4
FY-95 19 KITS									(19)	2.2
FY-98 4 KITS									(4)	0.6
TOTAL INSTALL QTY/COST									71	11.7
TOTAL COST (BP-1100)									71	70.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
1/93 2/94 2/95										
3/93 4/94 4/95										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					4	4			9	9
OUTPUT						4			9	9
FY-92										
FY-93										
FY-94										
FY-95										
FY-96										
FY-97										
FY-98										
FY-99										
FY-00										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					1	1	5	5	4	4
OUTPUT					1	1	1	5	5	4
FY-97										
FY-98										
FY-99										
FY-00										

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ELECTRO-OPTICAL VIEWING SYSTEM (EVS) MN-3264
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P

MODELS OF AIRCRAFT AFFECTED:
CENTER: OC-ALC
PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: This unit combines the three high failure Electro-Optical Viewing System (EVS) Line Replaceable Units (LRUs) into one highly reliable unit. Mean time between failure of 4458 hours is expected versus the current 332 hours. Reduces internal LRU cards from 75 to 10. Improves EVS reliability and maintainability.

AIRCRAFT BREAKDOWN: Active -- 56 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUIPMENT											
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
TOTAL COST (BP-1100)											
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE											
INITIAL LEAD TIME -- 12 MONTHS											
FOLLOW-ON LEAD TIME -- 12 MONTHS											

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*** UNCLASSIFIED ***

FACT SHEET: B-52 MN-3264 ELECTRO-OPTICAL VIEWING SYSTEM (EVS) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS	15	0.6							55	2.2
KITS NONRECUR									1	0.1
EQUIPMENT	(15)	1.8								6.4
EQUIP NONREC										0.0
CHANGE ORDERS										
DATA										
SIM/TRAINER										0.3
SUPPORT-EQUIP										0.4
TOTAL COST (BP-1100)	15	2.4							56	9.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02			
CONTRACT-DATE (QTR/FY)		2/97	2/98	1/99	1/00	1/01	1/02			
DELIVERY-DATE (QTR/FY)		2/98	1/99	1/00	1/01	1/02	1/03			

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ARC-210 RADIO MN-4222
MODELS OF AIRCRAFT AFFECTED: B-52H
CENTER: OC-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: Provides multipurpose radios for B-52H. Greatly improves frequency coverage and electronic countermeasures communications capability and improved flexibility and interoperability with other services, air traffic control centers, and allied forces. Will provide UHF/VHF voice AFSATCOM/maritime/HAVE QUICK capability. This radio is baseline to VINSON (MN# 3308). Demand assigned multiple access (dama) retrofit kits are being procured in FY94-98.
AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDY&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	47	1.9							24	2.9		
KITS NONRECUR												
EQUIPMENT	(47)	4.3							(24)	2.2		
EQUIP NONREC												
CHANGE ORDERS		1.0								0.3		
DATA		0.4								0.2		
SIM/TRAINER	(4)	1.6										
SUPPORT-EQUIP												
DAMA RETROFIT	(31)	3.8	(16)	1.1	(31)	1.0	(16)	0.5				
OGC												
INSTALLATION OF HARDWARE												
FY-92 11 KITS	(11)	0.3									(24)	1.5
FY-93 36 KITS	(36)	1.3									24	1.5
FY-99 24 KITS												1.5
TOTAL INSTALL QTY/COST	47	1.6										
TOTAL COST (BP-1100)	47	14.7				1.0		0.5	24	5.5		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 21 MONTHS
FOLLOW-ON LEAD TIME -- 15 MONTHS

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FACT SHEET: B-52 MN-4222 ARC-210 RADIO (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									71	4.8
KITS NONRECUR										
EQUIPMENT										6.5
EQUIP NONREC										1.3
CHANGE ORDERS										0.6
DATA										1.6
SIM/TRAINER										6.4
SUPPORT-EQUIP										
DAMA RETROFIT										
OGC										
INSTALLATION OF HARDWARE										
FY-92 11 KITS									(11)	0.3
FY-93 36 KITS									(36)	1.3
FY-99 24 KITS									(24)	1.5
TOTAL INSTALL QTY/COST									71	3.1
TOTAL COST (BP-1100)									71	24.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01										
CONTRACT-DATE (QTR/FY)	2/92	1/93		3/95	1/96			1/99		
DELIVERY-DATE (QTR/FY)	3/92	2/95		1/97	1/98			2/00		
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT		5	6	9	9	9				
OUTPUT				5	6	9	9	9		
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: ADVANCED WEAPON INTEGRATION MN-4260
MODELS OF AIRCRAFT AFFECTED: B-52H
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: Modification integrates near-precision MIL-STD 1760 weapons onto the B-52H to include the Wind Corrected Munition Dispenser (WCMD), the Joint Direct Attack Munition (JDAM), Joint Standoff Weapon (JSOW), and the Joint Air-to-Surface Stand-off Missile (JASSM). The modification includes suspension hardware, cables and operational flight program software updates to provide Stores Management Overlay (SMO) for control and release of the integrated weapons. All 67 shipsets of Stub Pylon/Heavy Stores Adapter Beams will be modified. The program will be accomplished in two phases. Phase I provides the direct attack SMO for WCMD and JDAM. Required assets available (RAA) for Phase I is 3Q/FY98. Phase II provides the stand-off SMO for the JSOW and JASSM. RAA for Phase II is 2Q/FY00. This mod requires ICSMS (MN# 3263) and GPS (MN# 3150).

AIRCRAFT BREAKDOWN: Active -- 66 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Supporting EMD for the WCMD, JDAM, JSOW, and JASSM to include interface definition, SMO development, DT&E planning and environmental testing of the JDAM. Safe separation testing for JDAM completed Apr 96. Ground/flight testing for direct attack SMO scheduled to begin 2QFY97 with the installation of hardware. Ground/flight testing for JSOW/JASSM is scheduled to begin in 4Q/FY98. RDT&E funding is for software development and integration for the weapons programs (WCMD, JDAM, JASSM and JSOW) and does not impact hardware procurement or installation. Development funding supplemented from WCMD, JDAM and JASSM weapon programs.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)								2.5				3.8
				3.5								
PROCUREMENT (3010)					20	2.3	31	3.4	15	1.6		
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC						0.9	1.6			1.5		
CHANGE ORDERS						0.5	0.5			1.3		
DATA												
SIM/TRAINER						0.3	1.0			0.5		
SUPPORT-EQUIP						0.2	0.2			0.2		
SOFTWARE												
OGC												
TOTAL COST (BP-1100)					20	4.2	31	6.6	15	5.1		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME --- 9 MONTHS

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FACT SHEET: B-52 MN-4260 ADVANCED WEAPON INTEGRATION (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									66	7.3
EQUIPMENT										
EQUIP NONREC										4.0
CHANGE ORDERS										2.3
DATA										
SIM/TRAINER										1.8
SUPPORT-EQUIP										0.5
SOFTWARE										
OGC										
TOTAL COST (BP-1100)									66	15.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-95	FY-96	FY-97	FY-98	FY-99					
CONTRACT-DATE (QTR/FY)			2/97	1/98	1/99					
DELIVERY-DATE (QTR/FY)			2/98	4/98	4/99					

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ECM IMPROVEMENT MN-4270
MODELS OF AIRCRAFT AFFECTED: B-52H
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: The ALO-172 enhancement is an improvement to two of the common core Line Replaceable Units (LRUs). New circuit cards with erasable proms and gate array modules are incorporated. Memory is increased approximately 400% and Mean-Time-Between-Failure (MTBF) is increased. This upgrade adds a third system to correct an ECM coverage gap identified during Desert Storm Operations.

AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: Group B System development complete. Group A development with be accomplished in FY97.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)						4.9						
PROCUREMENT (3010)												
INSTALL KITS					2		0.8		19	5.7	21	5.9
KITS NONRECUR					(2)		1.6	(19)		15.2	(21)	16.8
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA							2.3				(1)	1.7
SIM/TRAINER										0.5		2.3
SUPPORT-EQUIP												0.9
OGC									(2)	0.5	(19)	3.7
INSTALLATION OF HARDWARE												
FY-98	2											
FY-99	19											
FY-00	21											
FY-01	12											
FY-02	16											
FY-03	1											
TOTAL INSTALL QTY/COST												
									2	0.5	19	3.7
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: B-52 MN-4270 ECM IMPROVEMENT (CONTINUED) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS	12	3.4	16	4.7	1	0.4			71	20.8
KITS NONREC										
EQUIPMENT	(12)	9.6	(16)	12.8	(1)	0.9				56.9
EQUIP NONREC										
CHANGE ORDERS										
DATA		0.7		0.4		1.6				6.7
SIM/TRAINER	(1)	3.0								5.3
SUPPORT-EQUIP	(12)	10.0								10.0
OGC		0.8		0.7		0.7				3.7
INSTALLATION OF HARDWARE										
FY-98 2 KITS							(2)		(2)	0.5
FY-99 19 KITS							(19)		(19)	3.7
FY-00 21 KITS	(21)	4.1					(21)		(21)	4.1
FY-01 12 KITS			(12)	2.3	(16)	3.1	(12)		(12)	2.3
FY-02 16 KITS							(16)		(16)	3.1
FY-03 1 KITS							(1)	0.2	(1)	0.2
TOTAL INSTALL QTY/COST	21	4.1	12	2.3	16	3.1	1	0.2	71	14.0
TOTAL COST (BP-1100)	12	31.5	16	20.9	1	6.8			71	117.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
1/98 1/99 1/00 1/01 1/02 1/03										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									5	5
OUTPUT									5	5
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	5	5	5	6	3	3	4	4	1	4
OUTPUT	4	5	5	5	3	3	4	4	1	4

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DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: GPS TACAN MN-4371
MODELS OF AIRCRAFT AFFECTED: B-52H
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: GPS TACAN Replacement System (TRS) includes the installation of controls and displays at the pilot and copilot stations and installation of a Signal Data Converter (SDC) to interface with the current on board GPS system. TRS incorporates the redesign of the GPS Group B Interface Unit (IU) in support of the 19 additional aircraft directed for GPS integration. The current IU has become unsupportable due to obsolete parts. The new Interface Unit will provide TACAN Emulation, AGM-142 capability, and support the current efforts of the Advance Weapons Integration Program (AWIP), and the Wind Corrected Munitions Dispenser (WCMD). This capability will be extended to the additional 19 aircraft and includes retrofit of the current (47) GPS capable aircraft.

AIRCRAFT BREAKDOWN: Active -- 62 RES -- 9 ANG -- 0

DEVELOPMENT STATUS: RDT&E was completed Dec/96.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
				8.8								
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					1	3.0	33	2.7	32	2.5	5	0.2
EQUIPMENT							(33)	8.0	(32)	7.9	(5)	1.2
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER										2.0		
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS					(1)	0.8			(33)	3.2	(32)	3.0
FY-98 33 KITS											(5)	0.3
FY-99 32 KITS												
FY-00 5 KITS												
TOTAL INSTALL QTY/COST							1	0.8	33	3.2	37	3.3
TOTAL COST (BP-1100)					1	3.0	33	11.5	32	15.6	5	4.7

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 9 MONTHS
FOLLOW-ON LEAD TIME -- 6 MONTHS

FACT SHEET: B-52 MN-4371 GPS TACAN (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS									70	5.4
KITS NONREC									1	3.0
EQUIPMENT										17.1
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										2.0

SUPPORT-EQUIP

INSTALLATION OF HARDWARE										
FY-97 1 KITS									(1)	0.8
FY-98 33 KITS									(33)	3.2
FY-99 32 KITS									(32)	3.0
FY-00 5 KITS									(5)	0.3

TOTAL INSTALL QTY/COST

									71	7.3
									71	34.7

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96		FY-97		FY-98		FY-99		FY-00		FY-01	
--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--

CONTRACT-DATE (QTR/FY)

DELIVERY-DATE (QTR/FY)												

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT												
OUTPUT												

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4								
INPUT												
OUTPUT												

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HIGH RELIABILITY BATTERY MN-49203B
MODELS OF AIRCRAFT AFFECTED: B-52H
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC B-52 CLASS P
PE 0101113F TEAM POWER

DESCRIPTION/JUSTIFICATION: Low reliability and poor maintainability of the current battery system makes replacement necessary. Mod procures high reliability, maintenance free battery, aircraft battery chargers, and rotor support power adapters. Kit procurement/aircraft quantities do not match due to changes in force structure.
AIRCRAFT BREAKDOWN: Active -- 95 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	94	0.8										
KITS NONRECUR	1	0.6										
EQUIPMENT	(94)	4.5										
EQUIP NONREC	(1)	1.0										
CHANGE ORDERS		1.1										
DATA		0.2										
SIM/TRAINER		0.6										
SUPPORT-EQUIP		1.2										
OGC												
INSTALLATION OF HARDWARE												
FY-91 34 KITS	(34)	0.2										
FY-92 61 KITS	(61)	0.4										
TOTAL INSTALL QTY/COST	95	0.6										
TOTAL COST (BP-1100)	95	9.5										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

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FACT SHEET: B-52 MN-49203B HIGH RELIABILITY BATTERY (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									94	0.8
KITS NONRECUR									1	0.6
EQUIPMENT										4.5
EQUIP NONREC										1.0
CHANGE ORDERS										1.3
DATA										0.8
SIM/TRAINER										1.2
SUPPORT-EQUIP										0.0
OGC										
INSTALLATION OF HARDWARE										
FY-91 34 KITS							(34)			0.2
FY-92 61 KITS							(61)			0.4
TOTAL INSTALL QTY/COST									95	0.6
TOTAL COST (BP-1100)									95	10.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE						
APPROPRIATION/BUDGET ACTIVITY		P-1 ITEM NOMENCLATURE: F-117						
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS								
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$46.271	\$29.209	\$28.296	\$29.326	\$30.212	\$33.122	\$30.895	\$23.657

This line item funds modifications to the F-117A aircraft. The F-117A is a twin engine, single seat fighter incorporating low-observable "stealth" technology, enabling it to penetrate enemy air defenses and strike high-value targets with precision munitions. The overall goal of the modifications budgeted in FY98 is to enhance operational capabilities while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
			99999A	99999A	99999A	99999A	99999A	99999A	99999A	99999A		
P		LOW COST SAFETY MODIFICATIONS	1.1		0.8	2.7				1.0		6.0
		CLASS P-S TOTAL FOR F-117	1.1		0.8	2.7				1.0		
	11324	PLATY BRICK/BLOCK REPLACEMENT	8.2	2.0	0.3							10.5
	11326	AP-102 COMPUTER MEMORY EXPANSI	3.5	3.7	4.0	0.1	0.1					25.8
	11330	LONGTERM MDPS UPGRADE TO AFMS	1.1									4.8
	11331	STORES MANAGEMENT PROCESSOR UP					2.4	5.4	5.2	4.7		17.7
	11332	HIGH TEMPERATURE EDGES	7.0	5.1	0.3							19.5
	3150	NAVSTAR GLOBAL POSITIONING SYS	11.7	15.1	15.3	7.4	0.6					50.1
	31901	20D15 EXHAUST AREA PROTECTION	0.4									0.4
	31904	STEEL COMPRESSOR CASE	0.5	0.3	0.2	0.1	0.2					1.3
	31907	PARKING BRAKE SWITCH	0.6	0.7	0.2							2.6
	31913	2000 HOUR COATING	0.3	0.3	0.4							3.7
	31922	HI-PRESSURE TURBINE COOLING PL			0.9	1.1	1.2	1.6				4.8
	31927	OMNIBUS ENGINE MODIFICATIONS		0.4	0.9	0.7	0.4					2.4
31929	ICING DETECTION AND PROTECTION	1.2	0.9	0.1							5.2	
31934	CREW EMERGENCY ESCAPE SYSTEM	0.1	0.1								1.0	
31936	REPLACE LIFE-LIMITED SKIN PANE				0.2	5.0	5.2	5.1	5.1	3.8	24.4	
31937	SINGLE CONFIGURATION FLEET				8.6	16.0	16.0	16.0	12.5	4.5	73.6	
31942	OZONE DEPLETING CHEMICAL REPLA			0.9	1.0	1.0	1.0	0.8	0.1		4.8	
31968	ENGINE ELECTRONIC CONTROL ASSE				1.1	0.2	0.3	0.2			1.8	
99999S	SERVICE BULLETINS	4.7	0.5	3.1	4.5	1.7	3.6	3.6	0.3		22.0	
99999U	LOW COST RETROFIT MODS	4.0		0.9							4.9	
99999X	LOW COST MODIFICATIONS	1.9	0.2		1.8	1.4					8.2	
CLASS P TOTAL FOR F-117			45.2	29.2	27.5	26.6	30.2	33.1	30.9	22.7	8.3	
TOTAL FOR F-117			46.3	29.2	28.3	29.3	30.2	33.1	30.9	23.7	8.3	

Totals may not add due to rounding.

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: PLATY BRICK/BLOCK REPLACEMENT MN-11324
MODELS OF AIRCRAFT AFFECTED: F-117A
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P
CENTER: SM-ALC
PE 0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: Funds installation of kits procured in BP3010/BP1900. FY92-95 BP1900 funding shown for information only. The current platy exhaust area is a high maintenance area requiring frequent repacking of the space between the ceramic bricks/blocks. Although the material is an excellent insulator, the heat that gets through causes long term damage to the underlying composite structure. This is a depot driver modification for FY95-96.
AIRCRAFT BREAKDOWN: Active -- 55 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	55	6.5										
KITS NONRECUR	(1)	1.1										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.2										
SIM/TRAINER				0.5								
SUPPORT-EQUIP												
DEPOT PROCESS		3.2										
FLIGHT TEST				2.6								
BP19 FUNDED		-12.4										
INSTALLATION OF HARDWARE												
FY-92 55 KITS	(14)	1.4	(19)	1.9	(20)	2.0	(2)	0.3				
TOTAL INSTALL QTY/COST	14	1.4	19	1.9	20	2.0	2	0.3				
TOTAL COST (BP-1100)	55			8.2		2.0		0.3				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 12 MONTHS				FOLLOW-ON LEAD TIME -- 12 MONTHS								

*** UNCLASSIFIED ***

FACT SHEET: F-117 MN-11324 PLATY BRICK/BLOCK REPLACEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									55	6.5
KITS NONRECUR										1.1
EQUIPMENT										
EQUIP NONREC										0.2
CHANGE ORDERS										0.5
DATA										
SIM/TRAINER										6.4
SUPPORT-EQUIP										2.6
DEPOT PROCESS										-12.4
FLIGHT TEST										
BP19 FUNDED										
INSTALLATION OF HARDWARE										
FY-92 55 KITS							(55)			5.6
TOTAL INSTALL QTY/COST									55	5.6
TOTAL COST (BP-1100)									55	10.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									3	3
OUTPUT									3	3
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	5	5	5	5					5	5
OUTPUT	5	5	5	5					5	5

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AP-102 COMPUTER MEMORY EXPANSION MN-11326
MODELS OF AIRCRAFT AFFECTED: F-117A
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P
CENTER: SM-ALC
PE 0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: The navigation and weapon computers have less than four percent spare memory after the release of OFF-55 (AUG 93). Until available memory is increased, corrections and/or improvements to the system requiring additional OFF software cannot be made. There are no Group A kits and three Group B kits per aircraft. This modification is fully integrated with the BP3010/BP1900 funded ring laser gyro navigation improvement program plus global positioning system (RNIP+). Procurement, delivery, and installation schedules are aligned with RNIP+ schedules. Items are currently in production and are readily available.

AIRCRAFT BREAKDOWN: Active -- 55 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete (no RDT&E associated with this modification).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR	15	1.0	57	2.8	51	2.6	33	1.9				
EQUIPMENT	9	3.2										
EQUIP NONREC												
CHANGE ORDERS												
DATA		1.1										
SIM/TRAINER		5.0										
SUPPORT-EQUIP		3.9										
SPARES	(3)	0.2	(7)	0.4	(17)	0.9	(32)	1.7				
INSTALLATION OF HARDWARE												
FY-93	9											
FY-95	15				(15)	0.1						
FY-96	57				(42)	0.1	(15)	0.1				
FY-97	51						(42)	0.1	(9)			
FY-98	33								(27)	0.1	(6)	0.1
TOTAL INSTALL QTY/COST	9				57	0.2	57	0.2	36	0.1	6	0.1
TOTAL COST (BP-1100)	24	14.4	57	3.5	51	3.7	33	4.0		0.1		0.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS
INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-117 MN-11326 AP-102 COMPUTER MEMORY EXPANSION (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)					

PROCUREMENT (3010)

INSTALL KITS					
KITS NONRECUR					
EQUIPMENT					
EQUIP NONREC					
CHANGE ORDERS					
DATA					
SIM/TRAINER					
SUPPORT-EQUIP					
SPARES					
INSTALLATION OF HARDWARE					
FY-93 9 KITS				(9)	0.0
FY-95 15 KITS				(15)	0.1
FY-96 57 KITS				(57)	0.2
FY-97 51 KITS				(51)	0.2
FY-98 33 KITS				(33)	0.2
TOTAL INSTALL QTY/COST				165	0.6
TOTAL COST (BP-1100)				165	25.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)					

MILESTONES

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	3/93		4/95	1/96	1/97	1/98		
DELIVERY-DATE (QTR/FY)	1/95		1/97	2/97	2/98	2/99		
INSTALLATION SCHEDULE:								
QUARTERS	1	2	3	4	1	2	3	4
INFUT					3	3	3	
OUTPUT								

INSTALLATION SCHEDULE:

	FY-98	FY-99	FY-00
QUARTERS	1	2	3
INFUT	15	12	15
OUTPUT	15	12	15

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HIGH TEMPERATURE EDGES MN-11332
MODELS OF AIRCRAFT AFFECTED: F-117A
CENTER: SM-ALC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P
PE 0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: The aircraft edges outboard and aft of the exhaust nozzle are subject to scorching and/or burning from hot gases.
Two aircraft sustained fires when gases leaked through the support structure and insulation materials and ignited the edge panels.

AIRCRAFT BREAKDOWN: Active -- 54 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS	25	6.4		19	5.0		10	3.0										
KITS NONRECUR	(1)																	
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-93 1 KITS	(1)	0.1																
FY-94 15 KITS	(13)	0.6		(2)	0.2													
FY-95 9 KITS	(9)	1.0																
FY-96 19 KITS	(8)	0.8		(11)	1.2													
FY-97 10 KITS	(8)	0.9		(2)	0.3													
TOTAL INSTALL QTY/COST	14	0.7		19	2.0		19	2.1		2	0.3							
TOTAL COST (BP-1100)	25	7.1		19	7.0		10	5.1			0.3							
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS																		
INITIAL LEAD TIME --- 12 MONTHS																		
FOLLOW-ON LEAD TIME -- 9 MONTHS																		

*** UNCLASSIFIED ***

FACT SHEET: F-117 MN-11332 HIGH TEMPERATURE EDGES (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDY&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-93 1 KITS

FY-94 15 KITS

FY-95 9 KITS

FY-96 19 KITS

FY-97 10 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

CONTRACT-DATE (QTR/FY) 2/93 2/94 1/95 1/96 1/97

DELIVERY-DATE (QTR/FY) 2/94 1/95 4/95 4/96 4/97

INSTALLATION SCHEDULE: FY-93 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

QUARTERS

INPUT

OUTPUT

INSTALLATION SCHEDULE: FY-98 1 2 3 4

QUARTERS

INPUT

OUTPUT

QUARTERS

INPUT

OUTPUT

QUARTERS

INPUT

OUTPUT

QUARTERS

INPUT

OUTPUT

QUARTERS

INPUT

OUTPUT

QUARTERS

INPUT

OUTPUT

QUARTERS

INPUT

OUTPUT

QUARTERS

INPUT

OUTPUT

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: F-117A
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P
CENTER: SM-ALC
PE 0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: Funds the continuation of efforts initiated in 3010/BP1900. FY92-95 BP1900 funding is shown for information only. GPS provides world-wide three dimensional positioning/navigation. GPS has three segments; user equipment, satellites and control network. Satellites broadcast high-accuracy data signals which are received by user equipment and used to compute platform positioning/velocity and provide steering vectors to target locations. Control segment daily updates the navigation messages broadcast from the satellites. GPS is a driver modification in FY97-99 and the depot induction processing charges are funded by this modification in FY97-99.

AIRCRAFT BREAKDOWN: Active -- 55 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete. FY95/96 flight test supports cleanup phase on software. No risk is associated with the hardware procurement.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		48.8										
PROCUREMENT (3010)												
INSTALL KITS	19	9.0	19	7.0	9	3.4	5	1.9				
KITS NONRECUR	3	25.4										
EQUIPMENT	(19)	2.4	(19)	1.5	(9)	0.8	(5)	0.4				
EQUIP NONREC	(3)	6.0										
CHANGE ORDERS												
DATA		3.4		1.5								
SIM/TRAINER												
SUPPORT-EQUIP		0.4		1.7		6.5		2.1		4.5		
DEPOT PROCESS								6.5				
FLIGHT TEST		9.5										
BP1900 FUNDS		-56.1										
MOD OF SPARES				0.3		0.3		0.3		0.2		0.1
INSTALLATION OF HARDWARE												
FY-94 2 KITS	(2)											
FY-95 20 KITS	(1)				(19)	4.1	(19)	4.1	(9)	2.7	(5)	0.5
FY-96 19 KITS												
FY-97 9 KITS												
FY-98 5 KITS												
TOTAL INSTALL QTY/COST	3				19	4.1	19	4.1	9	2.7	5	0.5
TOTAL COST (BP-1100)	22		19	11.7	9	15.1	5	15.3		7.4		0.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 18 MONTHS												
FOLLOW-ON LEAD TIME -- 18 MONTHS												

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FACT SHEET: F-117 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									52	21.3
KITS NONRECUR									3	25.4
EQUIPMENT										5.1
EQUIP NONREC										6.0
CHANGE ORDERS										4.9
DATA										4.2
SIM/TRAINER										17.5
SUPPORT-EQUIP										9.5
DEPOT PROCESS										-56.1
FLIGHT TEST										0.9
BP1900 FUNDS										0.0
MOD OF SPARES										4.1
INSTALLATION OF HARDWARE										2.7
FY-94 2 KITS									(2)	0.5
FY-95 20 KITS									(20)	11.4
FY-96 19 KITS									(19)	50.1
FY-97 9 KITS									(9)	
FY-98 5 KITS									(5)	
TOTAL INSTALL QTY/COST									55	
TOTAL COST (BP-1100)									55	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00										
CONTRACT-DATE (QTR/FY)	1/93	1/94	2/95	2/96	2/97	2/98				
DELIVERY-DATE (QTR/FY)	3/94	3/95	4/96	4/97	4/98	4/99				
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

FY 1998 PB

MODIFICATION TITLE AND NO:	REPLACE LIFE-LIMITED SKIN PANELS AND WEB	MN-31936
1. 1984		

MODELS OF AIRCRAFT AFFECTED: F-117A

CENTER: SM-ALC

0207141F TEAM POWER

DESCRIPTION/JUSTIFICATION: Several skin panels have been analytically determined to have a life less than the service life of the aircraft.

The current mission mix has not evidenced sonic fatigue levels, except on the stub fin forward panel. Program rescoped. This is a depot driver modification in FY 01-04 and the depot processing costs are funded by this modification.

AIRCRAFT BREAKDOWN: Active -- 46 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: ACI completed FY95. Acoustical analysis complete. Based upon experience, installation of a later production panel for the stub fin will solve the acoustic problem. No development is required. A/C 837-843 have later production panels. SFO has 16 right and 16 left panels on hand for retrofit.

PROJECTED FINANCIAL PLAN

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

REQUIR MONREC
CHANGE ORDERS

CHANGE ORDERS
DATADATA
STIM/TRAINERSIM/TRAINER
SUPPORT-FOITM

SUPPORT-EQUIP-

DEPOT PROCESS
INSTALLATION OF HARDWARE

FY-99 9 KT

Year	KTTS	KTIS
FY-99	12	3
FY-00	12	KTTS

EY-00	12	KITS
EY-01	12	KITS

FY-01	12	KITS
FY-02	12	KITC

FY-02	12	KITS
FY-02	1	KITS

FY-03 1 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-117 CLASS P

0207141F TEAM POWER

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FACT SHEET: F-117 MN-31936 REPLACE LIFE-LIMITED SKIN PANELS AND WEB
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

RD&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
DEPOT PROCESS									
INSTALLATION OF HARDWARE									
FY-99 9 KITS									
FY-00 12 KITS (12)									
FY-01 12 KITS									
FY-02 12 KITS									
FY-03 1 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SINGLE CONFIGURATION FLEET MN-31937
MODELS OF AIRCRAFT AFFECTED: F-117A
DESCRIPTION/JUSTIFICATION: Presently, the F-117A fleet has two major radar absorbing material (RAM) coating configurations, a costly and labor intensive panel access technology, and five leading edge configurations. This effort will develop a single, optimized RAM coating and include new leading edge technologies, spray-on coatings, new sheet RAMs, new panel access technologies, and gap fillers. The new configuration will be accomplished by integrating the Radar Absorbing Material Recoating program (MN-11335) into one effort. This effort will greatly reduce maintenance requirements, increase aircraft availability, and improve Radar Cross Section performance. This program is aligned with the Life Limited Skins Program (MN-31936). This modification use to be named the Radar Absorbing Material Recoating.
AIRCRAFT BREAKDOWN: Active -- 54 RES -- 0 ANG -- 0
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS F-117
CENTER: SM-ALC
PE 0207141F TEAM POWER

EXHIBIT F3A CONGRESSIONAL
CIC F-117 CLASS P

DEVELOPMENT STATUS: Development contract awarded June 94 and will complete Dec/98.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD7&E (3600)						1.8	4.5					
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 12 KITS												
FY-00 12 KITS												
FY-01 12 KITS												
FY-02 12 KITS												
FY-03 6 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 6 MONTHS												

12 7.0 12 7.0 12 7.0 12 7.0 12 7.0 12 7.0

1.6 (12) 9.0

12 8.6 12 16.0

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FACT SHEET: F-117 MN-31937 SINGLE CONFIGURATION FLEET (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)					
PROCUREMENT (3010)					
INSTALL KITS	12	7.0	12	6	3.5
KITS NONREC					
EQUIPMENT					
EQUIP NONREC					
CHANGE ORDERS					
DATA					
SIM/TRAINER					
SUPPORT-EQUIP					
INSTALLATION OF HARDWARE					
FY-99 12 KITS	(12)	9.0	(12)	9.0	9.0
FY-00 12 KITS					9.0
FY-01 12 KITS					9.0
FY-02 12 KITS					9.0
FY-03 6 KITS				(6)	4.5
TOTAL INSTALL QTY/COST	12	9.0	12	6	40.5
TOTAL COST (BP-1100)	12	16.0	12	4.5	73.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)					
MILESTONES					
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 FY-04					
CONTRACT-DATE (QTR/FY)					
DELIVERY-DATE (QTR/FY)					
INSTALLATION SCHEDULE:					
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT					
OUTPUT					
INSTALLATION SCHEDULE:					
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT					
OUTPUT					

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS			P-1 ITEM NOMENCLATURE: A-10					
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$27.025	\$35.823	\$24.971	\$28.315	\$26.569	\$49.997	\$26.084	\$27.704

This line item funds modifications to the A-10 aircraft. The A-10 is a twin engine, single seat, close air support aircraft capable of delivering a full range of air-to-ground munitions as well as self defense air-to-air missiles. The modifications budgeted in FY98 enhance operational capability while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A		LOW COST SAFETY MODIFICATIONS	0.2	0.1	0.4	0.1	0.5	0.1		0.2		1.6
			CLASS P-S TOTAL FOR A-10	0.2	0.1	0.4	0.1	0.5	0.1		0.2		
P	18202B		TF-34 AGB LIFE IMPROVEMENT	0.5	0.6	0.6	0.6	0.3					3.0
	3150EG		EGI	13.0	31.9	21.9	24.6	25.2	36.6	7.3	3.6		203.4
	3301A		LASTE COMPUTER UPGRADE						4.5	7.9	10.4		22.8
	3441		IDM	3.0									16.6
	37118B		AIRBORNE DATA RECORDER							1.4		3.5	4.9
	7091		COMMON AIRCRAFT MISSILE WARNIN					0.1	0.9	3.3	4.4	19.8	28.6
	7092		NIGHT VISION IMAGING SYSTEM LI	10.3	3.1	2.0	3.0						39.5
	7142		IMPROVED AIRBORNE VIDEO TAPE										5.0
	9601		ONBOARD OXYGEN GENERATING SYST					0.4	7.8	5.1	7.0	20.4	40.8
	9602		ELECTRONIC WARFARE MANAGEMENT							1.0	1.9	16.9	19.8
	99999X		LOW COST MODIFICATIONS		0.1	0.1		0.1	0.1		0.1		0.8
			CLASS P TOTAL FOR A-10	26.8	35.7	24.6	28.2	26.1	49.9	26.1	27.5	60.7	
			TOTAL FOR A-10	27.0	35.8	25.0	28.3	26.6	50.0	26.1	27.7	60.7	

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 027	PAGE NO.	125
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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: EGI MN-3150EG
MODELS OF AIRCRAFT AFFECTED: OA/A-10
CENTER: SM-ALC
PE 0207131F TEAM POWER
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC A-10 CLASS P

DESCRIPTION/JUSTIFICATION: The Embedded Global Positioning and Inertial Navigation System (EGI) is a self-contained, all-weather navigation system which provides positioning, velocity, and acceleration data for the aircraft. The EGI receives its radio frequency signals from the GPS satellite transmissions. The EGI receiver tracks up to five satellites simultaneously. In addition, EGI will replace the present inertial navigation unit (LN 39). This will result in an \$18M savings per year in maintenance costs upon completion of the modification installation. Nonrecurring engineering costs will support software independent validation and verification along with A-10 AFMSS software upgrades in FY97/98.

AIRCRAFT BREAKDOWN: Active -- 228 RES -- 43 ANG -- 102

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD7&E (3600)		0.7										
PROCUREMENT (3010)												
INSTALL KITS	4	2.9	1		89	2.1	64	1.5	48	1.2	67	1.7
KITS NONRECUR		21.6		11.4		3.3		1.9		1.5		
EQUIPMENT	(4)	5.2	(1)	0.3	(89)	23.1	(64)	16.8	(48)	13.2	(67)	18.9
EQUIP NONREC												
CHANGE ORDERS		1.6										
DATA		3.0				0.7		0.3		0.1		
SIM/TRAINER												
SUPPORT-EQUIP		3.9				0.3		0.3		0.4		
ICS		0.8		0.9		0.3		0.5		0.5		
FLIGHT TEST		0.1		0.4		1.8		0.1		0.1		0.2
MOD OF SPARES						0.1		0.1		0.1		0.1
OGC												
INSTALLATION OF HARDWARE	(2)	0.2			(2)	0.2						
FY-92 2 KITS					(2)							
FY-95 2 KITS					(1)	0.1						
FY-96 1 KITS							(6)	0.4	(83)	5.7	(36)	2.5
FY-97 89 KITS									(28)	1.9	(25)	1.8
FY-98 64 KITS												
FY-99 48 KITS												
FY-00 67 KITS												
FY-01 102 KITS												
TOTAL INSTALL QTY/COST	2	0.2			3	0.3	6	0.4	111	7.6	61	4.2
TOTAL COST (BP-1100)	4	39.3	1	13.0	89	31.9	64	21.9	48	24.6	67	25.2

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FACT SHEET: A-10 MN-3150EG EGI (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

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FACT SHEET: A-10 MN-3150EG EGI
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	102	2.7							375	12.0		
KITS NONRECUR										39.7		
EQUIPMENT	(102)	29.7								107.1		
EQUIP NONREC												
CHANGE ORDERS										1.6		
DATA										4.1		
SIM/TRAINER												
SUPPORT-EQUIP										4.2		
ICS										2.7		
FLIGHT TEST										3.3		
MOD OF SPARES										0.5		
OGC		0.1		0.1		0.6				1.2		
INSTALLATION OF HARDWARE												
FY-92 2 KITS									(2)	0.2		
FY-95 2 KITS									(2)	0.2		
FY-96 1 KITS									(1)	0.1		
FY-97 89 KITS									(89)	6.1		
FY-98 64 KITS									(64)	4.4		
FY-99 48 KITS	(23)	1.7							(48)	3.4		
FY-00 67 KITS	(34)	2.5	(33)	2.5					(67)	4.9		
FY-01 102 KITS			(63)	4.7	(39)	3.1			(102)	7.8		
TOTAL INSTALL QTY/COST	57	4.1	96	7.1	39	3.1			375	27.0		
TOTAL COST (BP-1100)	102	36.6		7.3		3.6			375	203.4		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY)				4/95	2/96	3/97	2/98	2/99	2/00	2/01		
DELIVERY-DATE (QTR/FY)	4/92			1/97	3/97	3/98	3/99	3/00	3/01	3/02		

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FACT SHEET: A-10 MN-3150EG EGI
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

INSTALLATION SCHEDULE:		FY-92		FY-93		FY-94		FY-95		FY-96						
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4				
INPUT				2												
OUTPUT				2												
INSTALLATION SCHEDULE:		FY-97		FY-98		FY-99		FY-00		FY-01						
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4				
INPUT		2	1			36	36	21	18	15	16	15	9	10	17	21
OUTPUT			2	1		6	36	36	21	18	15	16	15	9	10	17
INSTALLATION SCHEDULE:		FY-02		FY-03												
QUARTERS	1	2	3	4	1	2	3	4								
INPUT	15	14	28	39	39											
OUTPUT	21	15	14	28	39	39										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: IDM MN-3441
MODELS OF AIRCRAFT AFFECTED: A/OA-10
DESCRIPTION/JUSTIFICATION: Upgrades avionics to provide effective close air support (CAS), forward air control mission, and enhance performance in low intensity conflicts. The improved data modem (IDM) interfaces with existing aircraft radios and provides a fast, reliable transfer of target information in digital format. IDM systems will be fielded in all elements of the tactical air control system. The IDM significantly improves mission effectiveness by improving the reliability and transmission speed of information. Data will be more jam resistant. Exposure time and cockpit tasks will be reduced thereby improving survivability. Two aircraft will be modified with R&D funds. The remaining 377 aircraft will be modified with 3010 funds. IDM program has been canceled per msg from HQ USAF/XOR.

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC A-10 CLASS P

CENTER: SM-ALC
PE 0207131F TEAM POWER

AIRCRAFT BREAKDOWN: Active -- 229 RES -- 43 ANG -- 102

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RUT&E (3600)		0.4										
PROCUREMENT (3010)												
INSTALL KITS	3	0.1										
KITS NONREC		8.7		1.4								
EQUIPMENT	(3)	0.1										
EQUIP NONREC												
CHANGE ORDERS												
DATA		1.5										
SIM/TRAINER		1.2										
SUPPORT-EQUIP		0.7		0.9								
ICS		1.3		0.6								
FLIGHT TEST												
MOD OF SPARES												
INSTALLATION OF HARDWARE			(1)									
FY-95 3 KITS												
TOTAL INSTALL QTY/COST			1									
TOTAL COST (BP-1100)	3	13.6		3.0								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 14 MONTHS												
FOLLOW-ON LEAD TIME -- 20 MONTHS												

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(CONTINUED)

FACT SHEET: A-10 MN-3441 IDM
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									3	0.1
KITS NONRECUR										10.1
EQUIPMENT										0.1
EQUIP NONREC										
CHANGE ORDERS										1.5
DATA										
SIM/TRAINER										1.2
SUPPORT-EQUIP										1.6
ICS										1.9
FLIGHT TEST										
MOD OF SPARES										
INSTALLATION OF HARDWARE										
FY-95 3 KITS							(1)			0.0
TOTAL INSTALL QTY/COST									1	0.0
TOTAL COST (BP-1100)									3	16.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-93	FY-94	FY-95	FY-96	FY-97					
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)			4/95							
			4/96							
INSTALLATION SCHEDULE:	FY-93	FY-94	FY-95	FY-96	FY-97					
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4					
INPUT										
OUTPUT										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NIGHT VISION IMAGING SYSTEM LIGHTING MN-7092
MODELS OF AIRCRAFT AFFECTED: A/OA-10
CENTER: SM-ALC
EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS P
PE 0207131F TEAM POWER

DESCRIPTION/JUSTIFICATION: Improves A-10 close air support capability and responds to Desert Shield/Storm deficiencies. Revises cockpit and exterior lighting to allow pilot to wear night vision goggles (NVIS Type 2, Class A Requirement). This will be accomplished through a combination of internal lighting modification, bezel flood lighting, filters and replacement of front windshield. The modification was previously titled "night attack capabilities". The modification was renamed because A/B SINGARS (A-10 MN# 3429), integrated data modem (MN# 3441), and NAVSTAR GPS (A-10 MN# 3150) are also required to provide full A-10 night attack capability.

AIRCRAFT BREAKDOWN: Active -- 222 RES -- 51 ANG -- 102

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	254	12.2	120	6.9								
KITS NONRECUR	2	0.4										
EQUIPMENT		1.3		2.0		1.2						
EQUIP NONREC												
CHANGE ORDERS		0.7										
DATA		2.4										
SIM/TRAINER												
SUPPORT-EQUIP		0.3										
MOD OF SPARES		3.4		0.2		0.4						
INSTALLATION OF HARDWARE												
FY-94 215 KITS (215)		5.4		1.2	(120)	1.5						
FY-95 41 KITS (12)			(29)									
FY-96 120 KITS												
TOTAL INSTALL QTY/COST	227	5.4	29	1.2	120	1.5						
TOTAL COST (BP-1100)	256	26.1	120	10.3		3.1						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 8 MONTHS												
FOLLOW-ON LEAD TIME -- 10 MONTHS												

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FACT SHEET: A-10 MN-7092 NIGHT VISION IMAGING SYSTEM LIGHTING (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									374	19.1
KITS NONRECUR									2	0.4
EQUIPMENT										4.5
EQUIP NONREC										0.7
CHANGE ORDERS										2.4
DATA										0.3
SIM/TRAINER										4.0
SUPPORT-EQUIP										
MOD OF SPARES										
INSTALLATION OF HARDWARE										
FY-94 215 KITS									(215)	5.4
FY-95 41 KITS									(41)	1.2
FY-96 120 KITS									(120)	1.5
TOTAL INSTALL QTY/COST									376	8.1
TOTAL COST (BP-1100)									376	39.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-94 FY-95 FY-96 FY-97 FY-98										
CONTRACT-DATE (QTR/FY)	2/94	1/95	1/96							
DELIVERY-DATE (QTR/FY)	4/94	4/95	4/96							
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: IMPROVED AIRBORNE VIDEO TAPE RECORDER (IAVTR) MN-7142
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS P
MODELS OF AIRCRAFT AFFECTED: A/OA-10
CENTER: SM-ALC
PE 0207131F TEAM POWER

DESCRIPTION/JUSTIFICATION: The A-10 IAVTR modification, also known as Color Airborne Video Tape Recorder (CAVTR), upgrades the A-10 Airborne Video Tape Recorder (AVTR) system to provide an increased recording capability by allowing the average two hour sortie to be properly documented. This modification will remove the existing AVTR system and replace it with a system that will have a two hour record capability and be color capable. The proposed system will be designed for two-level maintenance, and serviced at the organizational level by flightline personnel. The National Guard Bureau and Air Force Reserves are paying for all the non-recurring costs as well as their respective aircraft kits. This is a follow-on modification procurement for active forces aircraft based on ANG/AFRES program. The equipment being installed in the aircraft is a ruggedized version of commercial off-the-shelf components.

AIRCRAFT BREAKDOWN: Active -- 222 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 5 MONTHS												
FOLLOW-ON LEAD TIME -- 5 MONTHS												

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FACT SHEET: A-10 MN-7142 IMPROVED AIRBORNE VIDEO TAPE RECORDER (IAVTR) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD16E (3600)										
PROCUREMENT (3010)									222	5.0
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOTAL COST (BP-1100)									222	5.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99						
CONTRACT-DATE (QTR/FY)			2/98	1/99						
DELIVERY-DATE (QTR/FY)			4/98	3/99						

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										P-1 ITEM NOMENCLATURE: F/RF-4	
	1996	1997	1998	1999	2000	2001	2002	2003			
COST (in Mil)	\$0.001	\$0.130									

This line item funds modifications to the F/RF-4 aircraft. The F/RF-4 is a twin engine, two seat aircraft which performs tactical reconnaissance and suppression of enemy aircraft defense missions. There are no modifications budgeted in FY98 or beyond

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
	P	99999X	LOW COST MODIFICATIONS		0.1								0.6
			CLASS P		0.1								
			TOTAL FOR F/RF-4		0.1								
			TOTAL FOR F/RF-4										

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: F-15			
	1996	1997	1998	1999	2000	2001	2002
COST (in Mil)	\$78.285	\$158.869	\$169.568	\$193.121	\$228.312	\$273.677	\$333.395
							\$352.059

This line item funds modifications to the F-15 aircraft. The F-15A/B/C/D is a twin engine, single seat, supersonic, all-weather, day/night, air-superiority fighter. The F-15E is a twin engine, two seat, supersonic dual-role, day/night, all-weather, deep interdiction fighter with multi-role air-to-air capabilities. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
P-S				2.2	1.0							TO GO	PROG.
			CLASS P-S	2.2	1.0								18.5
			TOTAL FOR F-15										
P		10211B	SECONDARY POWER UPGRADE			4.5	6.2	3.3	5.2	2.3	0.6	0.9	23.1
		13647B	HIGH PRESSURE WATER SEPARATOR	8.8	8.2	2.8	1.9	0.9					54.9
		16628B	LANDING GEAR WIRING/SWITCHES		1.5	2.8	2.0	0.6	0.7				17.2
		16628E	LG WIRING/SWITCHES				3.7	1.2					4.9
		16701B	WING FUEL TRANSFER PUMP	1.9									13.2
		17606B	STANDARD FLIGHT DATA RECORDER										6.1
		19203A	F100-220E ENGINE UPGRADE		1.2	23.2	22.8	43.5	70.1	93.0	94.3		401.0
		197500	MSOGS	1.4	23.5								13.7
		3150E	GPS	3.4	6.7	15.3	12.4	3.7	1.8				52.3
		3150M	NAVSTAR GPS	1.7									10.6
		3192	MSIP PROGRAM: C/D SERIES	9.2									404.1
		3192B	ALQ-135	1.3									556.5
		3192C	ALQ-135 F3I	20.2	63.6								231.2
		6048	4TH ROBUST BLADE	1.6	2.2								5.1
		6051	1ST BLADE OUTER SEAL	1.6									1.6
		6052	2ND VANE INNER AIR SEAL	0.1	0.1	0.2	0.5	0.4	0.2				1.5
		6054	HYBRID NOZZLE COKING	5.5	1.6	0.3		2.4					9.8
		6056	2/3 BEARING BOLTS	0.1									0.1
		6060	1ST STAGE TIP SHROUD SUPPORT	0.4	0.4	0.8	0.3						1.9
		6064	ENHANCED TEMPERATURE CAPABILITY	1.2	0.3								1.4
		6070	TUBE IMPROVEMENT	1.7									1.7
		6071	4TH DISK BRUSH SEAL	0.2	0.5	0.8	0.9	1.1					3.6
		6077	#3 BEARING HEATSHIELD	0.6									0.6
		6080	2.7.C DEEC/3.1D EDU LOGIC	0.2									0.2
		6086	SUPER CONVECTIVE SHROUD	0.5	1.2	1.6	3.9	3.0	1.5				11.7
		6106	SECONDARY POWER UPGRADE						4.5	3.7	5.2	1.9	15.3

Totals may not add due to rounding.

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ITEM NO. 029

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										P-1 ITEM NOMENCLATURE: F-15	
	1996	1997	1998	1999	2000	2001	2002	2003			
COST (In Mil)	\$78.285	\$158.869	\$169.568	\$193.121	\$228.312	\$273.677	\$333.395			\$352.059	

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P													
		6108	7TH/8TH STAGE SHORT SHOES AND	0.3	0.3	0.4							1.0
		6109	FIRST BRUSH SEAL	0.4	0.6	0.8	1.5	1.8	1.2	0.4			6.7
		6141	EAGLE 229 HPT OD FLOWPATH	0.8	0.9	1.2	2.8	2.4	1.2	0.1			9.4
		6142	COMBUSTER IMPROVEMENTS				0.7	1.4	1.0	0.2			3.3
		65042B	100/220 ENGINE INTERCHANGEABIL	0.4									12.2
		8049	APG-63 RADAR		18.0	83.1	103.2	97.5	94.6	98.1	100.3	9.3	604.0
		8250	MIDS FDL	11.6	7.4	31.4	28.1	6.2				92.8	177.5
		8251	VHSIC CARD	0.9									14.6
		8265	PROGRAMMABLE ARMAMENT CONTROL						9.7	15.6	15.8	28.7	69.8
		8314	AIR DATA PROCESSOR					5.0	5.4	5.1	5.4	4.2	25.1
		8352	HELMET-MOUNTED CUEING SYSTEM					5.6	5.6	18.3	18.5	38.9	81.3
		8357	MULTI PURPOSE DISPLAY PROCESSO								27.0	26.7	53.7
		8419	ALQ 135, BAND 1.5					18.3	45.2	87.6	61.4	52.8	265.4
		8420	LINK 16 FDL					24.1	7.4				31.5
		8454	ACFT WEAPONS CONTROL SET (AWCT					1.7					1.7
		99999U	LOW COST RETROFIT MODS			0.1	0.1		0.1		0.1		6.9
		99999X	LOW COST MODIFICATIONS	0.1	0.1								2.8
		ASM	AUX SPRAY MANIFOLD			0.1	0.4						0.5
		IDECM	COMMON ELECTRIC COUNTERMEASURE							9.0	23.5	240.0	272.5
		IDEEC	220E IDEEC			0.1	0.1						0.2
		IMPTUR	IMPROVED TURBINE			0.1	0.1						0.2
		T8237	DIGITAL MAP SYSTEM				1.5	9.7	18.4				29.6
		Z88888	REPROGRAMMINGS		19.6								19.9
CLASS P TOTAL FOR F-15				76.0	157.9	169.6	193.1	228.3	273.7	333.4	352.1	496.1	
TOTAL FOR F-15				78.2	158.9	169.6	193.1	228.3	273.7	333.4	352.1	496.1	

Totals may not add due to rounding.

P-1 SHOPP LIST
ITEM NO. 029

PAGE NO.

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AFT ENGINE BAY FIRE DETECTION MN-13639A
MODELS OF AIRCRAFT AFFECTED: F-15
CENTER: WR-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
CIC F-15
CLASS P-S
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Provides a fire detection system for the engine afterburner section of the F-15 aircraft. During the past few years, the F-15 fleet has experienced 42 fires in the afterburner section. The fires were not detected in flight by pilots because there is no detection system in this section of the engine bay. Afterburner section is separated from the stabilator actuator only by aircraft skin. Loss of stabilator actuator would result in loss of flight control. A fire detection system will provide the pilot with sufficient warning to extinguish the fire prior to catastrophic damage to the aircraft.

AIRCRAFT BREAKDOWN: Active -- 455 RES -- 0 ANG -- 117

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	570	8.8										
KITS NONRECUR	2	0.4										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.5										
SIM/TRAINER	(31)	3.9										
SUPPORT-EQUIP												
TRAINER KITS	(16)											
INSTALLATION OF HARDWARE												
FY-88 51 KITS												
FY-89 131 KITS												
FY-90 131 KITS	(313)											
FY-93 98 KITS	(100)	1.7										
FY-94 115 KITS			(113)	2.2								
FY-95 46 KITS					(46)	1.0						
TOTAL INSTALL QTY/COST	413	1.7	113	2.2	46	1.0						
TOTAL COST (BP-1100)	572	15.3		2.2		1.0						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 28 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-15 MN-13639A AFT ENGINE BAY FIRE DETECTION (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTEE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
TRAINER KITS									
INSTALLATION OF HARDWARE									
FY-88	51	KITS						570	8.8
FY-89	131	KITS						2	0.4
FY-90	131	KITS							
FY-93	98	KITS						(313)	1.7
FY-94	115	KITS						(113)	2.2
FY-95	46	KITS						(46)	1.0
TOTAL INSTALL QTY/COST								572	4.9
TOTAL COST (BP-1100)								572	18.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97
CONTRACT-DATE (QTR/FY)	2/90	4/90	4/90	4/90	4/93	4/94	1/95		
DELIVERY-DATE (QTR/FY)	4/90	3/92	3/92	3/92	1/95	1/96	2/96		

FACT SHEET: F-15 MN-13639A AFT ENGINE BAY FIRE DETECTION
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

INSTALLATION SCHEDULE:

	FY-88	FY-89	FY-90	FY-91	FY-92
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT			1	1	5
OUTPUT			1	1	5

INSTALLATION SCHEDULE:

	FY-93	FY-94	FY-95	FY-96	FY-97
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	48 48 47 20	20 20 19 20	29 29 29 26	29 29 29 28	22 22 24 22
OUTPUT	20 48 48 48	47 20 20 20	29 29 29 26	29 29 29 28	24 22 24 22

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DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT F3A CONGRESSIONAL

FY 1998 PB

MODIFICATION TITLE AND NO: SECONDARY POWER UPGRADE MN-10211B

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15 C/D

CENTER: SA-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Replaces jet fuel starter and constant speed gear box, providing 40% increase in MTBF. Commodity mod of 8 components.

AIRCRAFT BREAKDOWN: Active -- 400 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

PRIOR			FY-96		FY-97		FY-98		FY-99		FY-00	
QTY	AMT		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
OGC

TOOLING

INSTALLATION OF HARDWARE

FY-98	81	KITS										
FY-99	114	KITS										
FY-00	64	KITS										
FY-01	94	KITS										
FY-02	34	KITS										
FY-04	13	KITS										

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: F-15 MN-10211B SECONDARY POWER UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)
INSTALL KITS 94 4.8 34 1.9 13 0.7 400 20.3

KITS NONRECUR
EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA 0.2

SIM/TRAINER

SUPPORT-EQUIP

MOD OF SPARES 1.6

OGC 0.4

TOOLING 0.1

INSTALLATION OF HARDWARE

FY-98 81 KITS (81) 0.1

FY-99 114 KITS (114) 0.1

FY-00 64 KITS (64) 0.1

FY-01 94 KITS (94) 0.1

FY-02 34 KITS (34) 0.1

FY-04 13 KITS (13) 0.0

TOTAL INSTALL QTY/COST 64 0.1 94 0.1 13 0.1 400 0.5

TOTAL COST (BP-1100) 94 5.2 34 2.3 13 0.9 400 23.1

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96		FY-97		FY-98		FY-99		FY-00		FY-01		FY-02		FY-03		FY-04		FY-05	
--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--

CONTRACT-DATE (QTR/FY) 1/98 1/99 1/00 1/01 1/02 1/03 1/04 1/05

DELIVERY-DATE (QTR/FY) 1/99 1/00 1/01 1/02 1/03 1/04 1/05

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT 21

OUTPUT 28

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT 16

OUTPUT 28

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HIGH PRESSURE WATER SEPARATOR MN-13647B
MODELS OF AIRCRAFT AFFECTED: F-15 C/D
MODIFICATION OF AIRCRAFT: EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS F-15
PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Will improve the cooling of the Environmental Control System (ECS) by replacing the primary and cabin water separator with a High Pressure Water Separator; dry air can be provided at colder temperatures. The increased cooling will provide a 40% increase in reliability of Avionics Line Replaceable Units (LRU). A retrofit mod.
AIRCRAFT BREAKDOWN: Active -- 277 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

RDTE (3600)

PROCUREMENT (3010)

INSTALL KITS 162 24.4 61 8.6 54 8.0
KITS NONREC 1.5
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA 0.1
SIM/TRAINER
SUPPORT-EQUIP
MOD OF SPARES
TOOLING 0.2 (3) 0.2
OGC 0.2

INSTALLATION OF HARDWARE

FY-90 2 KITS (2)
FY-92 62 KITS (62)
FY-93 98 KITS (98)
FY-96 61 KITS
FY-97 54 KITS

TOTAL INSTALL QTY/COST 162 5.9

TOTAL COST (BP-1100) 162 32.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 21 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

	FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
							(40)	1.9		
					61	2.8	40	1.9	14	0.9
						2.8		1.9		0.9
						8.2				

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FACT SHEET: F-15 MN-13647B HIGH PRESSURE WATER SEPARATOR (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									277	41.0
KITS NONRECUR										1.5
EQUIPMENT										
EQUIP NONREC										0.1
CHANGE ORDERS										
DATA										
SIM/TRAINER										0.2
SUPPORT-EQUIP										0.4
MOD OF SPARES										0.2
TOOLING										
OGC										
INSTALLATION OF HARDWARE										
FY-90 2 KITS									(2)	
FY-92 62 KITS									(62)	1.9
FY-93 98 KITS									(98)	4.0
FY-96 61 KITS									(61)	2.8
FY-97 54 KITS									(40)	1.9
TOTAL INSTALL QTY/COST									277	11.5
TOTAL COST (BP-1100)									277	54.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: LANDING GEAR WIRING/SWITCHES MN-166288

MODELS OF AIRCRAFT AFFECTED: F-15 A/B/C/D

CENTER: WR-ALC

PE 0207130F TEAM AIR

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

DESCRIPTION/JUSTIFICATION: Landing gear system failure is being caused by vibration and flight wind loads on the wiring at the splice area. If wires break, the associated proximity or Weight On Wheels (WOW) switch has to be replaced. There have been 80 aircraft aborts. The modification incorporates redesigned switches or Speed Sensor Circuit (SSC) to connector on aircraft bulkhead. There will be a separate harness for each switch/SSC. Nose landing light harness will be replaced and encapsulated in tubing. 90 Mod Install (\$1.624).

AIRCRAFT BREAKDOWN: Active -- 428 RES -- 0 ANG -- 117

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	325	4.2			70	0.8	83	1.1	62	0.8		
KITS NONRECUR												
EQUIPMENT	(325)	3.7			(70)	0.6	(83)	0.9	(62)	0.5		
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.1				
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES												
OGC												
INSTALLATION OF HARDWARE												
FY-91 135 KITS	(20)	0.3										
FY-92 83 KITS	(83)	0.6										
FY-94 107 KITS							(107)	0.7	(70)	0.6	(73)	0.6
FY-97 70 KITS												
FY-98 83 KITS												
FY-99 62 KITS												
TOTAL INSTALL QTY/COST	218	1.7			70	1.5	83	2.8	62	2.0		0.6
TOTAL COST (BP-1100)	325	9.7										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 25 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

FACT SHEET: F-15 MN-1628B LANDING GEAR WIRING/SWITCHES (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL				
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT			
RD&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS									540	7.0			
KITS NONRECUR													
EQUIPMENT										5.7			
EQUIP NONREC													
CHANGE ORDERS										0.1			
DATA													
SIM/TRAINER										0.0			
SUPPORT-EQUIP										0.1			
MOD OF SPARES													
OGC													
INSTALLATION OF HARDWARE													
FY-91 135 KITS									(20)	0.3			
FY-92 83 KITS									(83)	0.6			
FY-94 107 KITS									(107)	0.7			
FY-97 70 KITS									(70)	0.6			
FY-98 83 KITS									(73)	0.6			
FY-99 62 KITS	(72)	0.7							(72)	0.7			
TOTAL INSTALL QTY/COST	72	0.7							540	4.3			
TOTAL COST (BP-1100)		0.7							540	17.2			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
CONTRACT-DATE (QTR/FY)	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
DELIVERY-DATE (QTR/FY)	4/90	4/91	4/93	1/95	1/97			1/97	1/98	1/99			
	1/93	1/94	2/96					1/99	1/00	1/01			
INSTALLATION SCHEDULE:	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT								1					
OUTPUT									1				
INSTALLATION SCHEDULE:	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT								40	44	44	45	27	27
OUTPUT								40	44	44	44	45	27
INSTALLATION SCHEDULE:	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07	FY-08	FY-09	FY-10	FY-11	FY-12
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT	18	18	19	18	18	18	18	18	18	18	18	17	17
OUTPUT	17	18	18	18	19	18	18	18	18	18	18	18	17

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: LG WIRING/SWITCHES MN-16628E
MODELS OF AIRCRAFT AFFECTED: F-15E
CENTER: WR-ALC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 0207134F TEAM POWER
DESCRIPTION/JUSTIFICATION: Modifies landing gear to encapsulate wiring; installs new design proximity and weight on wheels switches to latest configuration, as installed on A-D aircraft.
AIRCRAFT BREAKDOWN: Active -- 135 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)						
PROCUREMENT (3010)						
INSTALL KITS						
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
OGC						
INSTALLATION OF HARDWARE						
FY-99 135 KITS						
TOTAL INSTALL QTY/COST						
TOTAL COST (BP-1100)						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)						
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM						
INITIAL LEAD TIME -- 12 MONTHS						
FOLLOW-ON LEAD TIME -- 12 MONTHS						

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FACT SHEET: F-15 MN-16628E LG WIRING/SWITCHES (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD16E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									135	3.5
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
OGC										0.1
INSTALLATION OF HARDWARE										
FY-99 135 KITS									(135)	1.2
TOTAL INSTALL QTY/COST									135	1.2
TOTAL COST (BP-1100)									135	4.9
{TOTALS MAY NOT ADD DUE TO ROUNDING.}										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									34	34
OUTPUT									34	34
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4						
INPUT										
OUTPUT										

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DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: WING FUEL TRANSFER PUMP MN-16701B

MODELS OF AIRCRAFT AFFECTED: F-15A/B/C/D

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

CENTER: WR-ALC
PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Both wings/aircraft contain fuel transfer pumps which maintain a steady flow of fuel from the wing/aircraft. If one of the pumps fail, pilot has no indication. Failed transfer pump allows excessive fuel imbalance to rapidly develop, causing a wing heavy condition. If pilot fails to realize condition, he may exceed angle of attack and lose control of aircraft. In this attitude flight controls no longer function. Three mishaps of this nature have occurred, with loss of one aircraft documented. Incorporates a warning indicator to the cockpit to alert the pilot. There will be two current monitors attached to the pump wiring assembly running to the cockpit and four added for each aircraft.

AIRCRAFT BREAKDOWN: Active -- 418 RES -- 0 ANG -- 117

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS	531	4.6																
KITS NONREC	4	0.3																
EQUIPMENT	(531)	0.4																
EQUIP NONREC	(4)																	
CHANGE ORDERS																		
DATA		0.2																
SIM/TRAINER	(23)	2.5																
SUPPORT-EQUIP		0.1																
MOD OF SPARES	(68)	0.1																
INSTALLATION OF HARDWARE																		
FY-89 135 KITS																		
FY-90 98 KITS	(233)																	
FY-92 104 KITS	(104)	1.6																
FY-93 97 KITS	(97)	1.5																
FY-94 101 KITS	(101)	1.9																
TOTAL INSTALL QTY/COST	434	3.1		101	1.9													
TOTAL COST (BP-1100)	535	11.3																
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

FACT SHEET: F-15 MN-16701B WING FUEL TRANSFER PUMP (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									531	4.6
KITS NONRECUR									4	0.3
EQUIPMENT										0.4
EQUIP NONREC										0.0
CHANGE ORDERS										0.2
DATA										2.5
SIM/TRAINER										0.1
SUPPORT-EQUIP										0.1
MOD OF SPARES										
INSTALLATION OF HARDWARE										
FY-89 135 KITS									(233)	
FY-90 98 KITS									(104)	1.6
FY-92 104 KITS									(97)	1.5
FY-93 97 KITS									(101)	1.9
FY-94 101 KITS										
TOTAL INSTALL QTY/COST									535	5.0
TOTAL COST (BP-1100)									535	13.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									20	39
OUTPUT									5	20
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	20	20	19	13	13	13	50	49	23	39
OUTPUT	37	20	20	19	13	13	50	49	23	39

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: F100-220E ENGINE UPGRADE MN-19203A
MODELS OF AIRCRAFT AFFECTED: F-15
CENTER: WR-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Modifies the F100 engine to the 220 configuration. -220E includes the core, gear pump and DEEC control system. It will be an equivalent to the new production -220 engine. Maintenance benefits include no engine trim, automated diagnostics, 23% fewer organizational scheduled inspections, 43% reduction in base /EPH and 86% increased availability. Benefits include avoidance of six class mishaps. Operational benefits include 32% faster idle-to-max transient, normal 10% thrust improvement, full envelope capability, unrestricted throttle movement, automatic secondary control and 225 knot air start capability. Mod saves \$2.4M in O&M costs. No depot install funds required. Commodity mod.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	21	17.3			20	19.0	18	18.2	18	18.8	33	35.1
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES	(15)	13.3			(1)	0.5	(2)	1.1	(1)	3.8	(16)	7.1
OGC					(10)	3.8	(11)	3.7	(9)	0.2		0.2
INSTALLATION OF HARDWARE						0.2		0.2				
FY-93												
FY-94												
FY-97												
FY-98												
FY-99												
FY-00												
FY-01												
FY-02												
FY-03												

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100) 21 30.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT OVERHAUL
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: F-15 MN-19203A F100-220E ENGINE UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

		FY-01		FY-02		FY-03		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUIPMENT		54	58.3	70	77.5	60	78.9			294	323.1
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
MOD OF SPARES	(25)		11.7	(30)	15.3	(10)	14.6				3.0
OGC			0.2		0.2		0.5				73.4
INSTALLATION OF HARDWARE											
FY-93	3 KITS										1.6
FY-94	18 KITS										
FY-97	20 KITS										
FY-98	18 KITS										
FY-99	18 KITS										
FY-00	33 KITS										
FY-01	54 KITS										
FY-02	70 KITS										
FY-03	60 KITS										
TOTAL INSTALL QTY/COST											
TOTAL COST (BP-1100)		54	70.1	70	93.0	60	94.3			294	401.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	
CONTRACT-DATE (QTR/FY)	3/95	3/95		3/97	1/98	1/99	1/00	1/01	1/02	1/03	1/04
DELIVERY-DATE (QTR/FY)	3/96	3/96		3/98	1/99	1/00	1/01	1/02	1/03	1/04	

*** UNCLASSIFIED ***

DATE 02/14/97
 FY 1998 PB
 MODIFICATION TITLE AND NO: M50GS MN-197500
 MODELS OF AIRCRAFT AFFECTED: F-15E
 CENTER: WR-ALC
 MODIFICATION OF AIRCRAFT
 FY 1998 PROGRAM
 EXHIBIT P3A CONGRESSIONAL
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC F-15 CLASS P
 PE 0207134F TEAM POWER

DESCRIPTION/JUSTIFICATION: Replaces the current Liquid Oxygen System (LOX) with On-Board Oxygen Generating System (OBOGS). Reduces maintenance actions required for flight and reduces the logistics support required for the F-15E. AF version differs from Navy version because it contains a backup oxygen system and an improved oxygen sensor to preclude freezing at 22 degrees.

AIRCRAFT BREAKDOWN: Active -- 128 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	128	10.2										
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-92 55 KITS (55)		1.3										
FY-93 24 KITS (24)		0.8										
FY-94 49 KITS (49)		1.4										
TOTAL INSTALL QTY/COST	79	2.1	49	1.4								
TOTAL COST (BP-1100)	128	12.3										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
 INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-15 MN-197500 MSOGS (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									128	10.2
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-92 55 KITS							(55)			1.3
FY-93 24 KITS							(24)			0.8
FY-94 49 KITS							(49)			1.4
TOTAL INSTALL QTY/COST									128	3.5
TOTAL COST (BP-1100)									128	13.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									1	2
OUTPUT									1	2

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: GPS MN-3150E
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
MODELS OF AIRCRAFT AFFECTED: F-15E
CENTER: WR-ALC
PE 0207134F TEAM POWER
DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide suitably equipped host vehicles with highly accurate jam, three dimensional, position, velocity, and worldwide in all weather to improve mission effectiveness. Includes AIU. Program changed from MAGR to EGI.
AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
				1.6								
PROCUREMENT (3010)												
INSTALL KITS			20		18	0.4	82	2.4	80			
KITS NONREC	3	8.5										
EQUIPMENT			(20)		(18)	5.8	(82)	11.3	(80)			
EQUIP NONREC	(3)	0.4										
CHANGE ORDERS												
DATA								0.2				
SIM/TRAINER				0.3				0.3				
SUPPORT-EQUIP				0.1								
TOOLING												
OGC								0.1		0.3		
INSTALLATION OF HARDWARE												
FY-94	3		(3)	0.3								
FY-96	20						(16)	1.0	(4)	0.2		
FY-97	18								(71)	3.2	(10)	0.7
FY-98	82										(69)	3.1
FY-99	80											
TOTAL INSTALL QTY/COST			3	0.3			16	1.0	75	3.4	79	3.7
TOTAL COST (BP-1100)	3	8.9	20	3.4	18	6.7	82	15.3	80	12.4		3.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 15 MONTHS

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(CONTINUED)

FACT SHEET: F-15 MN-3150E GPS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									200	6.1
KITS NONRECUR									3	8.5
EQUIPMENT										25.1
EQUIP NONREC										0.6
CHANGE ORDERS										0.2
DATA										0.3
SIM/TRAINER										0.6
SUPPORT-EQUIP										0.1
TOOLING										0.6
OGC										
INSTALLATION OF HARDWARE										
FY-94 3 KITS									(3)	0.3
FY-96 20 KITS									(20)	1.2
FY-97 18 KITS									(81)	3.9
FY-98 82 KITS									(99)	4.9
FY-99 80 KITS	(30)	1.8								
TOTAL INSTALL QTY/COST	30	1.8							203	10.2
TOTAL COST (BP-1100)		1.8							203	52.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)	2/94									
DELIVERY-DATE (QTR/FY)	4/96									
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									4	4
OUTPUT									4	4
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	19	19	18	20	20	20	19	15	4	4
OUTPUT	4	19	19	18	20	20	19	15	4	4

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GPS MN-3150M
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15C/D
CENTER: WR-ALC
PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a spaced based radio navigation system that will provide suitably equipped host vehicles with highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness.

AIRCRAFT BREAKDOWN: Active -- 433 RES -- 0 ANG -- 117

DEVELOPMENT STATUS: MCAIR study, Mar 91.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR 2.1
EQUIPMENT 1.2
EQUIP NONREC 0.6
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
TOOLING
OGC

INSTALLATION OF HARDWARE

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: F-15 MN-3150M NAVSTAR GPS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD16E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										2.1
EQUIPMENT										1.2
EQUIP NONREC										7.4
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOOLING										
OGC										
INSTALLATION OF HARDWARE										
TOTAL INSTALL QTY/COST										
TOTAL COST (BP-1100)										10.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-94	FY-95	FY-96	FY-97						
CONTRACT-DATE (QTR/FY)	2/94		3/96	1/97						
DELIVERY-DATE (QTR/FY)	2/96		3/97	1/98						

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DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: MSIP PROGRAM: C/D SERIES MN-3192

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT F3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15C/D

CENTER: WR-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Self-protection suites remained relatively unchanged since initial design radar flexibility exhausted, armament control set saturated, central computer saturated and store station interfaces are incompatible with new weapons. Provides tactical electronic warfare system (TEWS) update (includes ALR-56 RWR/ALQ-135 Jammer), new central computer, AMRAAM, programmable armament control system, split-screen cockpit TV sensor and all environment ID. ID portion to include beyond visual range capability through the use of dual mode recognition by circuit card changes in the APQ-63 Radar IRU.

AIRCRAFT BREAKDOWN: Active -- 304 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	QTY	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT	AMT	AMT
RD&E (3600)		235.0				
PROCUREMENT (3010)						
INSTALL KITS	300	101.3				
KITS NONRECUR	4	21.0				
EQUIPMENT	(304)	156.1				
EQUIP NONREC						
CHANGE ORDERS						
DATA		4.8				
SIM/TRAINER		26.6				
SUPPORT-EQUIP		10.2				
MOD OF SPARES		13.0				
TOOLING		6.2				
INSTALLATION OF HARDWARE						
FY-87	127					
FY-89	30					
FY-90	42					
FY-91	36					
FY-92	39					
FY-93	16					
FY-94	14					
	(14)	9.2				
TOTAL INSTALL QTY/COST	290	55.7	14	9.2	9.2	
TOTAL COST (BP-1100)	304	394.9				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)						
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT						

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-15 MN-3192 MSIP PROGRAM: C/D SERIES (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD6E (3600)									
PROCUREMENT (3010)									
INSTALL KITS								300	101.3
KITS NONRECUR								4	21.0
EQUIPMENT									156.1
EQUIP NONREC									
CHANGE ORDERS									
DATA									4.8
SIM/TRAINER									26.6
SUPPORT-EQUIP									10.2
MOD OF SPARES									13.0
TOOLING									6.2
INSTALLATION OF HARDWARE									
FY-87	127	KITS						(23)	
FY-89	30	KITS						(146)	
FY-90	42	KITS						(36)	21.8
FY-91	36	KITS						(39)	22.8
FY-92	39	KITS						(16)	11.1
FY-93	16	KITS						(14)	9.2
FY-94	14	KITS							
TOTAL INSTALL QTY/COST								304	64.9
TOTAL COST (BP-1100)								304	404.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96
1/86	3/89	4/89	2/90	1/91	1/92	1/93	1/94	1/95	1/96
1/88	3/91	4/91	2/92	1/93	1/94	1/95	1/96		
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									

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FACT SHEET: F-15 MN-3192 MSIP PROGRAM: C/D SERIES
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

INSTALLATION SCHEDULE:		FY-87		FY-88		FY-89		FY-90		FY-91	
QUARTERS	1	2	3	4	1	2	3	4	1	2	3
INPUT					10	2	7	11	6	4	7
OUTPUT					2		1	8	7	8	8

INSTALLATION SCHEDULE:		FY-92		FY-93		FY-94		FY-95		FY-96	
QUARTERS	1	2	3	4	1	2	3	4	1	2	3
INPUT	13	3	13	14	13	9	12	11	14	13	5
OUTPUT	10	11	10	10	13	13	13	11	13	14	19

INSTALLATION SCHEDULE:		FY-97		FY-98		FY-99		FY-00		FY-01	
QUARTERS	1	2	3	4	1	2	3	4	1	2	3
INPUT											
OUTPUT	3	4									

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ALQ-135 MN-3192B
MODELS OF AIRCRAFT AFFECTED: F-15C
DESCRIPTION/JUSTIFICATION: ALQ-135 Band 3 is an updated version of internal countermeasures jammer (detects, determines, takes action).
AIRCRAFT BREAKDOWN: Active -- 305 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: Complete.

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

CENTER: WR-ALC
PE 0207130F TEAM AIR

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
ALQ-135	(216)	523.5										
ICS		31.7		1.3								
TOTAL COST (BP-1100)		555.2		1.3								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 16 MONTHS

FOLLOW-ON LEAD TIME -- 16 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: F-15 MN-3192B ALQ-135
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
ALQ-135									
ICS									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
FY-89		FY-90		FY-91		FY-92		FY-93	
FY-94		FY-95		FY-96		FY-97		FY-98	
1/91		1/92		1/93		1/94		1/95	
3/92		2/93		2/94		2/95		2/96	
523.5		32.9		556.5					

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ALQ-135 P3I MN-3192C
MODELS OF AIRCRAFT AFFECTED: F-15E
CENTER: WR-ALC
DESCRIPTION/JUSTIFICATION: Adds ALQ-135 Band 3.0 Countermeasures Jammer (determines, takes action). 90 F-15Es require modification. Remainder is Desert Storm payoff to C model.
AIRCRAFT BREAKDOWN: Active -- 97 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: Complete.

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 0207134F TEAM POWER

PROJECTED FINANCIAL PLAN												
	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	61	147.3	10	20.2	26	61.9						
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC						1.7						
TOTAL COST (BP-1100)	61	147.3	10	20.2	26	63.6						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 6 MONTHS												
FOLLOW-ON LEAD TIME -- 16 MONTHS												

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*** UNCLASSIFIED ***

FACT SHEET: F-15 MN-3192C ALO-135 P31 (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONREC									97	229.4
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
OGC										1.7
TOTAL COST (BP-1100)									97	231.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-92			FY-93		FY-94		FY-95		FY-96	
CONTRACT-DATE (QTR/FY)	1/92	1/93					1/95	2/96	2/97	
DELIVERY-DATE (QTR/FY)	2/92	2/94					2/96	3/97	3/98	

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: 4TH ROBUST BLADE MN-6048
MODELS OF AIRCRAFT AFFECTED: F-15E -229 ENGINE
DESCRIPTION/JUSTIFICATION: Redesigned Improved 4th stage turbine blade and disk.
AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: Complete.

EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
PE 0207134F TEAM POWER

PROJECTED FINANCIAL PLAN									
PRIOR									
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
----	-----	----	-----	----	-----	----	-----	----	-----
RDt&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS	23	1.3	21	1.2	48		1.6		
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA				0.3			0.4		
SIM/TRAINER									
SUPPORT-EQUIP									
OGC							0.2		
INSTALLATION OF HARDWARE									
FY-94 23 KITS			(38)	0.1					
FY-96 21 KITS									
FY-97 48 KITS									
TOTAL INSTALL QTY/COST			38	0.1					
TOTAL COST (BP-1100)	23	1.3	21	1.6	48		2.2		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
METHOD OF IMPLEMENTATION: INSTALLATION -- OVERHAUL/CET									

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 18 MONTHS

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FACT SHEET: F-15 MN-6048 4TH ROBUST BLADE
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP

OGC
INSTALLATION OF HARDWARE

FY-94 23 KITS
FY-96 21 KITS
FY-97 48 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-94 FY-95 FY-96 FY-97
CONTRACT-DATE (QTR/FY) 2/95 3/96 1/97
DELIVERY-DATE (QTR/FY) 2/96 3/97 1/98

INSTALLATION SCHEDULE:

QUARTERS FY-94 FY-95 FY-96
1 2 3 4 1 2 3 4 1 2 3 4
INPUT 38
OUTPUT 38

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
									92	4.1
										0.7
										0.2
									(38)	0.1
									38	0.1
									92	5.1

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HYBRID NOZZLE COKING MN-6054
MODELS OF AIRCRAFT AFFECTED: F-15E -229 ENGINE
DESCRIPTION/JUSTIFICATION: Redesigned nozzle corrects coking of internal flow passages which results in better starting performance.
AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: RDT&E complete.

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

CENTER: WR-ALC
PE 0207134F TEAM POWER

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)			147		36	1.6	7	0.3			42	2.4
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 10 MONTHS

FOLLOW-ON LEAD TIME -- 10 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-15 MN-6054 HYBRID NOZZLE COCKING (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									232	9.8
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOTAL COST (BP-1100)									232	9.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99	FY-00					
CONTRACT-DATE (QTR/FY)	3/96	1/97	1/98		1/00					
DELIVERY-DATE (QTR/FY)	1/97	4/97	4/98		4/00					

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SUPER CONVECTIVE SHROUD MN-6086
MODELS OF AIRCRAFT AFFECTED: F-15E -229 ENGINE
DESCRIPTION/JUSTIFICATION: Inadequate cooling of the 1st stage high pressure turbine blade outer airseal segments and support causing oxidation/erosion. Mod redesigns to use airfoil cooling concepts.
AIRCRAFT BREAKDOWN: Active -- 212 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: Complete.
PROJECTED FINANCIAL PLAN
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P
CENTER: WR-ALC
PE 0207134F TEAM POWER

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt6E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			16		22	1.2	30	1.6	69	3.9	53	3.0
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 16 KITS												
FY-97 22 KITS												
FY-98 30 KITS												
FY-99 69 KITS												
FY-00 53 KITS												
FY-01 26 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			16	0.5	22	1.2	30	1.6	69	3.9	53	3.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT OVERHAUL												
INITIAL LEAD TIME -- 10 MONTHS												
FOLLOW-ON LEAD TIME -- 10 MONTHS												

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FACT SHEET: F-15 MN-6086 SUPER CONVECTIVE SHROUD
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS	26	1.5						216	11.7
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-96 16 KITS									
FY-97 22 KITS									
FY-98 30 KITS									
FY-99 69 KITS									
FY-00 53 KITS									
FY-01 26 KITS									
TOTAL INSTALL QTY/COST								216	11.7
TOTAL COST (BP-1100)	26	1.5							
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96	FY-97	FY-98	FY-99	FY-00	FY-01				
3/96	1/97	1/98	1/99	1/00	1/01				
DELIVERY-DATE (QTR/FY)	3/97	4/97	4/98	4/99	4/00	4/01			

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: EAGLE 229 HPT OD FLOWPATH MN-6141
MODELS OF AIRCRAFT AFFECTED: F-15E -229 ENGINE
DESCRIPTION/JUSTIFICATION: Configure OD flowpath to eliminate potential for recirculation by modifying diffuser case and adding spoolcase.
AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN												
	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS			16	0.4	22	0.9	30	1.2	69	2.7	53	2.3
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP				0.4								
INSTALLATION OF HARDWARE					(16)		(22)	0.1	(30)	0.1	(69)	0.1
FY-96 16 KITS												
FY-97 22 KITS												
FY-98 30 KITS												
FY-99 69 KITS												
FY-00 53 KITS												
FY-01 26 KITS												
TOTAL INSTALL QTY/COST					16		22	0.1	30	0.1	69	0.1
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 9 MONTHS												
FOLLOW-ON LEAD TIME -- 9 MONTHS												

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FACT SHEET: F-15 MN-6141 EAGLE 229 HPT OD FLOWPATH
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)										
PROCUREMENT (3010)	26	1.1							216	8.5
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-96 16 KITS									(16)	0.0
FY-97 22 KITS									(22)	0.1
FY-98 30 KITS									(30)	0.1
FY-99 69 KITS									(69)	0.1
FY-00 53 KITS	(53)	0.1							(53)	0.1
FY-01 26 KITS			(26)	0.1					(26)	0.1
TOTAL INSTALL QTY/COST	53	0.1	26	0.1					216	0.4
TOTAL COST (BP-1100)	26	1.2							216	9.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02										
CONTRACT-DATE (QTR/FY)	4/96	1/97	1/98	1/99	1/00	1/01				
DELIVERY-DATE (QTR/FY)	3/97	4/97	4/98	4/99	4/00	4/01				
INSTALLATION SCHEDULE:										
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	14 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13
OUTPUT	14 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13	13 13 13 13

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: 100/220 ENGINE INTERCHANGEABILITY MN-65042B
MODELS OF AIRCRAFT AFFECTED: F-15 A/B/C/D
DESCRIPTION/JUSTIFICATION: Excessive -100 engine maintenance down time and inflight operational failures have resulted in 180 mission aborts in 1985. 92 of these missions were deemed failures due to engine malfunctions while inflight. Excessive time in repair at bases and depot and continued inflight failures have magnified the -100 engine shortages. The F-15 C/D aircraft require wiring and ballast changes to adapt the latest engine configuration, the -220 to the aircraft. The aircraft will then be able to meet upcoming force restructure plans. Mod will allow use of either -100 or -220 engine. It will not result in any additional engines being purchased.

CENTER: WR-ALC

PE 0207130F TEAM AIR

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

EXHIBIT P3A CONGRESSIONAL

AIRCRAFT BREAKDOWN: Active -- 332 RES -- 0 ANG -- 117

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RD&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS	446	3.5																
KITS NONRECUR	3	0.9																
EQUIPMENT	(446)	0.5																
EQUIP NONREC	(3)																	
CHANGE ORDERS																		
DATA		0.2																
SIM/TRAINER	(1)	0.5																
SUPPORT-EQUIP																		
MOD OF SPARES	(277)																	
INSTALLATION OF HARDWARE																		
FY-90 70 KITS	(70)																	
FY-91 81 KITS	(81)	1.6																
FY-92 27 KITS	(27)	0.4																
FY-93 197 KITS	(197)	2.8																
FY-94 74 KITS	(51)	1.4		(23)	0.4													
TOTAL INSTALL QTY/COST	426	6.2		23	0.4													
TOTAL COST (BP-1100)	449	11.8																
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: F-15 MN-65042B 100/220 ENGINE INTERCHANGEABILITY
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									446	3.5
KITS NONREC									3	0.9
EQUIPMENT										0.5
EQUIP NONREC										0.0
CHANGE ORDERS										0.2
DATA										0.5
SIM/TRAINER										0.0
SUPPORT-EQUIP										
MOD OF SPARES										
INSTALLATION OF HARDWARE										
FY-90 70 KITS									(70)	1.6
FY-91 81 KITS									(81)	0.4
FY-92 27 KITS									(27)	2.8
FY-93 197 KITS									(197)	1.7
FY-94 74 KITS									(74)	6.5
TOTAL INSTALL QTY/COST									449	12.2
TOTAL COST (BP-1100)									449	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97		
DELIVERY-DATE (QTR/FY)	4/90	3/91	3/92	1/94	1/94					
	4/91	4/92	3/93	1/95	1/95					
INSTALLATION SCHEDULE:	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					1	2	5	9	32	38
OUTPUT						1	2	5	9	32
INSTALLATION SCHEDULE:	FY-95	FY-96	FY-97	FY-98	FY-99					
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	25	24	25	24	13	12	14	15	20	38
OUTPUT	38	25	24	25	24	13	12	14	20	38

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DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT F3A CONGRESSIONAL

FY 1998 PB
MODIFICATION TITLE AND NO: APG-63 RADAR MN-8049

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-15 C/D

CENTER: WR-ALC

PE 0207130F TEAM AIR

DESCRIPTION/JUSTIFICATION: Improved radar design for aging APG-63, upgrade F-15C to solve severe parts obsolescence, provide air superiority to 21st century. Current APG-63 becoming logistically unsupportable. Significant improvement to the reliability and maintainability of the radar. This profile uses a form-fit-function sustainment concept vice organic.

AIRCRAFT BREAKDOWN: Active -- 169 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: EMD start Aug 94: Flight test aircraft integration starts Apr 97, Engineering Development Model hardware assembly complete Oct 97.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
RD4E (3600)		53.6	81.8	59.1	37.3	
PROCUREMENT (3010)						
INSTALL KITS			4	0.3	17	1.5
KITS NONREC					31	2.3
EQUIPMENT			(4)	14.2	(31)	87.2
EQUIP NONREC				1.8		3.8
CHANGE ORDERS				0.3		
DATA				2.0		0.1
SIM/TRAINER				3.0		2.8
OCG				0.1		3.1
OCG				2.5		1.7
INSTALLATION OF HARDWARE					(4)	1.1
FY-97 4 KITS						(17)
FY-98 17 KITS						
FY-99 31 KITS						
FY-00 26 KITS						
FY-01 24 KITS						
FY-02 30 KITS						
FY-03 32 KITS						
TOTAL INSTALL QTY/COST						
			4	18.0	17	83.1
					4	1.1
					31	103.2
					26	97.5

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 22 MONTHS

FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: F-15 MN-8049 APG-63 RADAR
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD7&E (3600)

PROCUREMENT (3010)

INSTALL KITS	24	1.9	30	2.5	32	2.8			164	13.4
KITS NONRECUR										
EQUIPMENT	(24)	78.0	(30)	83.6	(32)	87.6				501.7
EQUIP NONREC										12.6
CHANGE ORDERS										1.9
DATA										2.1
SIM/TRAINER		3.7		2.1						15.3
OCG		6.0		4.2		3.3				18.6
OCG		2.4		2.2		2.9				14.8

INSTALLATION OF HARDWARE

FY-97	4								(4)	1.1
FY-98	17								(17)	3.6
FY-99	31								(31)	2.6
FY-00	26								(26)	3.5
FY-01	24				(24)				(24)	3.6
FY-02	30								(30)	4.3
FY-03	32								(32)	5.0

TOTAL INSTALL QTY/COST

	31	2.6	26	3.5	24	3.6	62	9.3	164	23.7
--	----	-----	----	-----	----	-----	----	-----	-----	------

TOTAL COST (BP-1100)

	24	94.6	30	98.1	32	100.3		9.3	164	604.0
--	----	------	----	------	----	-------	--	-----	-----	-------

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06
CONTRACT-DATE (QTR/FY)												
DELIVERY-DATE (QTR/FY)			4/97	2/98	1/99	1/00	1/01	1/02	1/03			
			3/99	4/99	4/00	4/01	4/02	4/03	4/04			

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT												
OUTPUT												

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	4	4	4	5	8	7	8	6	7	7	8	8
OUTPUT	3	4	4	4	5	8	7	8	6	6	7	8

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4				
INPUT	8	8	9	7								
OUTPUT	8	8	8	9	7							

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: MIDS FDL MN-8250
MODELS OF AIRCRAFT AFFECTED: F-15 C/D
DESCRIPTION/JUSTIFICATION: The F-15A-D Fighter Data Link (FDL) program provides a data link radio to support simultaneous intra- and inter-flight two-way communication. The F-15 FDL is interoperable with Joint Tactical Information Distribution System (JTIDS) and other Link 16 capable systems. The system also is secure and anti-jam capable against threats. Per OSD direction, the Multi-function Information Distribution System (MIDS) FDL will be the hardware solution for F-15 FDL.

DESCRIPTION/JUSTIFICATION: The F-15A-D Fighter Data Link (FDL) program provides a data link radio to support simultaneous intra- and inter-flight two-way communication. The F-15 FDL is interoperable with Joint Tactical Information Distribution System (JTIDS) and other Link 16 capable systems. The system also is secure and anti-jam capable against threats. Per OSD direction, the Multi-function Information Distribution System (MIDS) FDL will be the hardware solution for F-15 FDL.

AIRCRAFT BREAKDOWN: Active -- 400 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDtGE (3600)												
PROCUREMENT (3010)												
INSTALL KITS							30	1.2	111	4.6	19	0.8
KITS NONRECUR				6.6			(30)	8.3	(111)	21.3	(19)	3.4
EQUIPMENT								18.5				
EQUIP NONREC				4.0		1.0						
CHANGE ORDERS												
DATA												
SIM/TRAINER						2.4						
SUPPORT-EQUIP						1.0						
OGC				1.0		3.0		3.4		2.2		2.0
PROD TOOLING												
ADJUSTMENT												

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: F-15 MN-8250 MIDS FDL
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS				240		13.0		400	
KITS NONRECUR								19.6	
EQUIPMENT				(240)		66.1		6.6	
EQUIP NONREC						8.4		99.1	
CHANGE ORDERS						0.8		31.9	
DATA								0.8	
SIM/TRAINER								2.4	
SUPPORT-EQUIP						4.5		1.0	
OGC								16.1	
PROD TOOLING									
ADJUSTMENT									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	
4/96	1/97	1/98	1/99					1/04	
4/97	1/98	1/99	1/00					1/05	
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
TOTAL 177.5									

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: VHSIC CARD MN-8251
MODELS OF AIRCRAFT AFFECTED: F-15A-E
DESCRIPTION/JUSTIFICATION: Modifies VHSIC computer to increase memory to 512K RAM in order to operate avionics mods and OFF. Commodity mod.
AIRCRAFT BREAKDOWN: Active -- 631 RES -- 0 ANG -- 117
DEVELOPMENT STATUS: N/A.
PROJECTED FINANCIAL PLAN
RDT4E (3600)

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

CENTER: WR-ALC

PE 0207134F TEAM POWER

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALL KITS												
KITS NONRECUR	61	3.2										
EQUIPMENT	738	9.1										
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES	(121)	1.5										
INSTALLATION OF HARDWARE												
FY-93 61 KITS	(32)											
FY-95 738 KITS	(712)	0.8										
TOTAL INSTALL QTY/COST	744	0.9										
TOTAL COST (BP-1100)	799	13.7										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

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FACT SHEET: F-15 MN-8251 VHSIC CARD (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

		FY-01		FY-02		FY-03		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUIPMENT										61	3.2
EQUIP NONREC										738	9.1
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
MOD OF SPARES											
INSTALLATION OF HARDWARE											
FY-93 61 KITS										(32)	0.0
FY-95 738 KITS										(712)	0.8
TOTAL INSTALL QTY/COST										744	0.9
TOTAL COST (BP-1100)										799	14.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
CONTRACT-DATE (QTR/FY)											
DELIVERY-DATE (QTR/FY)											
INSTALLATION SCHEDULE:											
QUARTERS											
INPUT											
OUTPUT											
INSTALLATION SCHEDULE: FY-98											
QUARTERS											
INPUT											
OUTPUT											

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: DIGITAL MAP SYSTEM MN-T8237
MODELS OF AIRCRAFT AFFECTED: F-15E
DESCRIPTION/JUSTIFICATION: Replaces remote map reader with digital system incorporating R&M improvements.
AIRCRAFT BREAKDOWN: Active -- 203 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: CDR - Jan 94.

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-15 CLASS P

CENTER: WR-ALC

PE 0207134F TEAM POWER

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										FEBRUARY 1997	
P-1 ITEM NOMENCLATURE: F-16											
	1996	1997	1998	1999	2000	2001	2002	2003			
		\$133,780	\$216,158	\$227,773	\$301,250	\$245,840	\$206,245				
COST (In Mil)	\$115,591										
									\$206,576		

This line item funds modifications to the F-16 aircraft. The F-16 is a multi-role fighter capable of employing a wide variety of nuclear and conventional weapons and missiles in both the air-to-surface and air-to-air mission areas. The overall goal of the modifications budgeted in FY98 is to increase flying safety, combat capability, reliability, maintainability, and provide for structural improvements to the airframe to ensure meeting the projected 8000 hour service life and permit replacement of the F-16 beginning approximately 2015. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	18503A	WING BEEF-UP	3.0	0.9	1.1	0.2						15.6
	99999A	LOW COST SAFETY MODIFICATIONS	1.8	0.4	1.7	0.4	1.9	0.1				8.6
	99999Y	LOW COST ENGINE SAFETY MODIFIC	1.8	1.0	1.7	0.5	1.9	1.9		0.7		11.9
		CLASS P-S TOTAL FOR F-16	6.6	2.3	4.5	1.1	3.8	1.9		0.7		
P	1591	600 GALLON EXTERNAL FUEL TANKS	2.0	4.0								6.0
	173009	F110 DIGITAL ENGINE CONTROL (D	15.1	17.2	17.6	21.9	30.0	29.8	17.6			168.2
	19229E	EALCON 229 ENGINE UPGRADE	0.2	0.2	0.3	0.7	2.0	2.0	1.7	2.5	0.7	17.8
	3088	RADAR WARNING RECEIVER UPDATE	7.5	0.2	1.4	0.2						159.9
	3150M	NAVSTAR GPS		28.4	50.6	26.2	35.0	10.2				150.4
	3450	ALE-47	5.4	0.5	2.0	5.0	7.8	5.3	1.0	0.8		53.1
	4260	ADVANCED WEAPON INTEGRATION	4.1	2.7	3.8	2.0		7.0	7.0	16.0		25.1
	426030	ADVANCED WEAPONS INTEGRATION (				5.9	45.6					30.0
	4262	DIGITAL TERRAIN SYSTEM (DTS)										51.5
	50003B	REDESIGNED F-16 BRAKE CONTROL/	3.1	2.3	3.5							8.9
	5013	RF TOWED DECOY SYSTEMS		17.6	42.6	19.9	19.5	19.7	20.1	11.6		151.0
	5016	DIGITAL TRANSFER CARTRIDGE (D	0.9									0.9
	52338B	MAIN AIRCRAFT BATTERY			4.3							4.3
	57U051	RELOCATE FORWARD RWR ANTENNA	0.1	0.7	1.1	0.6						12.5
	58006A	WOW SWITCH	0.1	0.1	0.2	0.1						3.0
	58044B	CHAFF/FLARE PROGRAMMER	0.1	0.1	0.2	0.1						2.3
	6018	ADVANCED SERIAL DATA BUS CARD	0.2									0.2
	6020	SCREECH REDUCTION 129 ENGINE				3.2	0.6					3.8
	602030	BLOCK 30 NIGHT VISION IMAGING				9.6	4.9					19.0
	602040	BLOCK 40 CAS NIGHT VISION IMAG				21.1	27.4	21.7	0.5			83.5
	602042	ENHANCED DATA HAND-OFF CAPABIL	0.1									1.3
	602140	BLOCK 40 MODIFIED MODULAR MISS							32.6	43.4	293.2	369.3
	602150	BLOCK 50 MODIFIED MODULAR MISS				54.2	53.9	58.1	27.6	13.6	4.2	211.7
	6022	PRE BLK 40 STRUCTURAL IMPROVEM	31.9	36.6	43.7	34.9	33.7	7.9				241.5

Totals may not add due to rounding.

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ITEM NO. 030

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	
P-1 ITEM NOMENCLATURE: F-16										FEBRUARY 1997	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS											
COST (In Mil)	1996	1997	1998	1999	FY-00	FY-01	FY-02	FY-03	COST TO GO	2002	2003
	\$115.591	\$133.780	\$216.158	\$227.773	\$301.250			\$245.840		\$206.245	\$206.576
CLASS	MOD	MODIFICATION TITLE									
P	NR										
	602240	BLOCK 40 STRUCTURAL IMPROVEMENT	18.5	13.4	17.8	9.9				71.5	
	602250	BLOCK 50/52 STRUCTURAL IMPROVE				2.7	3.3	1.6		7.5	
	603030	ELECTRONIC WARFARE MANAGEMENT				5.0	7.7	8.0	51.0	71.7	
	610240	BLOCK 40 COLOR DISPLAYS					7.3	8.9	52.4	68.6	
	610250	BLOCK 50 COLOR DISPLAYS				9.1	11.2	6.3	12.5	39.1	
	610330	BLOCK 30 ENHANCED FIRE CONTROL				5.7	4.7			14.8	
	611130	BLOCK 30 IMPROVED FLIGHT CONTR								27.5	
	6300	ON BOARD OXYGEN GENERATION SYS				26.0	29.4	15.5	18.0	92.5	
	6400	BLOCK 50 IMPROVED AIRBORNE VID	5.9							5.9	
	661640	BLOCK 40 LINK 16								190.4	
	661650	BLOCK 50 LINK 16				27.8	31.0	19.2	33.6	111.5	
	661800	CAS DATA LINK						19.9		19.9	
	99999E	MISC ENGINE UPDATE MODS	1.0	1.9		0.4				6.2	
	99999U	LOW COST RETROFIT MODS	1.3	1.8						5.5	
	99999X	LOW COST MODIFICATIONS	1.2					0.1		5.1	
	F19000	F110 TURBINE FRAME OIL TUBE/VS	2.2	1.8	0.3					9.6	
	F19401	F-110-GE-129 (DEC) UPGRADE	8.0	1.9						9.9	
	F19402	-229 HPT OD FLOWPATH CIP TASK			0.4	1.0	0.8	1.2		4.3	
	F19403	-220E IDEEC(5.3.0 LOGIC)/EDU (			0.3	0.2				0.8	
	F19404	COMBUSTER IMPROVEMENTS			0.6	0.6	0.2			1.7	
	F19405	FAN SECOND STAGE AIR SEAL CIP			0.4					0.4	
	F19406	F110-GE-100 MEC VSV POSITIONIN			0.4	0.1	0.1	0.1		0.9	
	F19407	F110-GE-129 STAGE 2 DISK POST			0.3	0.3	0.3	0.3		1.8	
	F19408	F110-GE-100 T4B PYROMETER REDE			0.4	0.4	0.5	0.6		3.0	
	F19409	F110-GE-100 TURBINE FRAME OIL			0.6	0.7	0.7			2.0	
	F19410	F110-GE-129 AUXILIARY			0.4					0.4	
	F19411	F110 DEC HARDWARE RETROFIT			0.3	2.3	2.4	0.2		6.8	
	F19412	F100 IMPROVED TURBINE FASTENER			0.1	0.1				0.2	
	F19413	F110-GE-129 EMS IMPROVEMENTS			0.6					0.6	
		F110-GE-129 LASER SHOCK PEENIN			0.2	0.4	0.4	0.4		1.8	
CLASS P		TOTAL FOR F-16	108.9	131.5	211.6	226.7	243.9	205.9	615.4		
TOTAL FOR F-16			115.6	133.8	216.2	227.8	245.8	206.2	615.4		

Totals may not add due to rounding.

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ITEM NO. 030

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: WING BEEF-UP MN-18503A
MODELS OF AIRCRAFT AFFECTED: A/C BLK 25/30/32
DESCRIPTION/JUSTIFICATION: This mod repairs cracks in pre-block 40 aircraft at the # 2, 3, and 4 access holes. Testing shows the critical failure path is through the four wing skin access holes at bl 71.00 which decreases the wing structural strength, and has resulted in an 8.5G restriction for Block 30 aircraft. Mod corrects the problems by modification of wing root fairings to allow aircraft to withstand 9g design requirements and by reworking skin assemblies to increase static strength and durability. Failure to accomplish this modification could result in aircraft grounding due to cracks in upper wing skin.

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P-S

CENTER: ASC

PE 0207133F TEAM POWER

AIRCRAFT BREAKDOWN: Active -- 487 RES -- 200 ANG -- 525

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTEE (3600)												
PROCUREMENT (3010)												
INSTALL KITS	1212	7.4										
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-89 454 KITS (454)												
FY-90 447 KITS (447)		0.5										
FY-93 180 KITS (126)		2.5	(54)	2.2	(50)	0.6	(45)	1.1	(8)	0.2		
FY-94 66 KITS			(20)	0.8	(8)	0.3						
FY-95 65 KITS												
TOTAL INSTALL QTY/COST	1027	3.0	74	3.0	58	0.9	45	1.1	8	0.2		
TOTAL COST (BP-1100)	1212	10.4		3.0		0.9		1.1		0.2		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: F-16 MN-18503A WING BEEF-UP
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-89 454 KITS
FY-90 447 KITS
FY-93 180 KITS
FY-94 66 KITS
FY-95 65 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

CONTRACT-DATE (QTR/FY) 4/90 3/91 1/93 1/94 1/95 1/96

DELIVERY-DATE (QTR/FY) 1/91 3/92 1/94 1/95 1/96

INSTALLATION SCHEDULE: FY-89

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT

OUTPUT

INSTALLATION SCHEDULE: FY-94

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT

OUTPUT

INSTALLATION SCHEDULE: FY-99

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT

OUTPUT

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: 600 GALLON EXTERNAL FUEL TANKS MN-1591
MODELS OF AIRCRAFT AFFECTED: BLOCK 50
DESCRIPTION/JUSTIFICATION: This mod will provide enhanced range/loiter capability for a small number of Block 50 F-16s performing SEAD (force protection) missions. It will also provide the opportunity for ACC to evaluate 600 gallon external fuel tanks as a possible solution to their range and loiter limitation identified in the FICOP (Fighter Configuration Plan). SEAD mission accomplishment will be degraded if mod not accomplished.
AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0
DEVELOPMENT STATUS:
PROJECTED FINANCIAL PLAN
RDT&E (3600)

PROCUREMENT (3010)
INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
TOTAL INSTALL QTY/COST
TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 6 MONTHS
FOLLOW-ON LEAD TIME -- 0 MONTHS

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
PE 0207133F TEAM POWER
CENTER: ASC
FY-96 FY-97 FY-98 FY-99 FY-00
QTY AMT QTY AMT QTY AMT QTY AMT QTY AMT
(22) 1.7 4.0
0.2
0.1
TOTAL INSTALL QTY/COST
TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 6 MONTHS
FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: F-16 MN-1591 600 GALLON EXTERNAL FUEL TANKS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
	QTY	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT	AMT
RDTE (3600)					
PROCUREMENT (3010)					
INSTALL KITS					
KITS NONRECUR					5.7
EQUIPMENT					
EQUIP NONREC					0.2
CHANGE ORDERS					
DATA					0.1
SIM/TRAINER					
SUPPORT-EQUIP					
INSTALLATION OF HARDWARE					
TOTAL INSTALL QTY/COST					
TOTAL COST (BP-1100)					6.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)					
MILESTONES					
FY-96					
CONTRACT-DATE (QTR/FY)	4/96				
DELIVERY-DATE (QTR/FY)	3/97				

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DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

MODIFICATION TITLE AND NO: F110 DIGITAL ENGINE CONTROL (DEC) MN-173009

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: BLOCK 30/40

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Replaces the existing analog aft control with Digital Engine Control (DEC). Includes a variable stator vane fail safe system, the addition of two backup control modes, and the elimination of engine-caused auto accels. Mod will improve safety, reliability, supportability, and maintainability of F110-100 engine. Saves 11 aircraft over remaining life of weapon system. F110-100 DEC hardware is identical to Block 50 DEC which assists field supportability.

AIRCRAFT BREAKDOWN: Active -- 437 RES -- 49 ANG -- 320

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)	75	9.7	88	12.1	96	14.8	87	14.4	107	18.1	144	24.9
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP		2.4		0.1								
PA 2	(125)	3.4	(101)	2.9	(100)	2.4	(125)	3.2	(146)	3.8	(192)	5.1
TO'S		0.9										
EMSC UPGRADE		0.4										
MEC UPGRADE	(25)	2.3										
INSTALLATION OF HARDWARE												
FY-93 34 KITS			(6)									
FY-94 41 KITS					(6)							
FY-96 88 KITS												
FY-97 96 KITS												
FY-98 87 KITS									(6)			
FY-99 107 KITS												
FY-00 144 KITS												
FY-01 140 KITS												
FY-02 74 KITS												

TOTAL INSTALL QTY/COST

6 19.0 88 15.1 96 17.2 87 17.6 107 21.9 144 30.0

TOTAL COST (BP-1100) 75

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 14 MONTHS

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FACT SHEET: F-16 MN-173009 F110 DIGITAL ENGINE CONTROL (DEC) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	140	24.8	74	13.4					811	132.2
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
PA 2										
TO'S	(187)	5.0	(153)	4.2						2.5
EMSC UPGRADE										29.9
MEC UPGRADE										0.9
INSTALLATION OF HARDWARE										0.4
FY-93 34 KITS										2.3
FY-94 41 KITS									(6)	0.0
FY-96 88 KITS									(6)	0.0
FY-97 96 KITS									(6)	0.0
FY-98 87 KITS									(6)	0.0
FY-99 107 KITS									(6)	0.0
FY-00 144 KITS	(6)								(6)	0.0
FY-01 140 KITS										
FY-02 74 KITS										
TOTAL INSTALL QTY/COST	6								36	0.1
TOTAL COST (BP-1100)	140	29.8	74	17.6					811	168.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	
3/95	3/95	3/95	1/96	1/97	1/98	1/99	1/00	1/01	1/02	
3/96	3/96	3/96	1/97	1/98	1/99	1/00	1/01	1/02	1/03	

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FACT SHEET: F-16 MN-173009 F110 DIGITAL ENGINE CONTROL (DEC) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

INSTALLATION SCHEDULE:		FY-93				FY-94				FY-95				FY-96				FY-97			
QUARTERS		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT																					
OUTPUT																					

INSTALLATION SCHEDULE:		FY-98				FY-99				FY-00				FY-01			
QUARTERS		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT		2	2	1	1	2	2	1	1	2	2	1	1	2	2	1	1
OUTPUT		2	2	1	1	2	2	1	1	2	2	1	1	2	2	1	1

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: FALCON 229 ENGINE UPGRADE MN-19229E
MODELS OF AIRCRAFT AFFECTED: BLOCK 52
DESCRIPTION/JUSTIFICATION: The Falcon 229 program is designated to enhance F-16 safety and improve maintainability by accelerating F-16/F100-FW-229 engine maturation. This will be accomplished through design improvements, early identification of problems, and augmented field support. The design improvement portion of Falcon 229 is comprised of four blocks, phased to coincide with the 4th stage blade retrofits. Each block consists of different tasks, consequently the cost varies between blocks. Incorporation of all the tasks will reduce the in-flight shut down rate to 2/100,000 engine flight hours. This means six aircraft and possibly crews will be saved every 100,000 fleet hours. Installation in FYs 94 and 95 is organizational level, requiring no installation funds. Remaining years are depot installation.
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
CENTER: ASC
PE 0207133F TEAM POWER
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

DESCRIPTION/JUSTIFICATION: The Falcon 229 program is designated to enhance F-16 safety and improve maintainability by accelerating F-16/F100-FW-229 engine maturation. This will be accomplished through design improvements, early identification of problems, and augmented field support. The design improvement portion of Falcon 229 is comprised of four blocks, phased to coincide with the 4th stage blade retrofits. Each block consists of different tasks, consequently the cost varies between blocks. Incorporation of all the tasks will reduce the in-flight shut down rate to 2/100,000 engine flight hours. This means six aircraft and possibly crews will be saved every 100,000 fleet hours. Installation in FYs 94 and 95 is organizational level, requiring no installation funds. Remaining years are depot installation.

AIRCRAFT BREAKDOWN: Active -- 1814 RES -- 0 ANG -- 18

DEVELOPMENT STATUS: Mod includes numerous engine ECPs.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)		4.4		1.1		1.0						
PROCUREMENT (3010)												
INSTALL KITS	1247	5.5					18	0.2	42	0.6	126	1.8
KITS NONREC												
EQUIPMENT												
EQUIP NONREC				0.2		0.2						
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP		2.0										
INFLATION				0.1								
INSTALLATION OF HARDWARE												
FY-94 927 KITS					(1)		(5)		(2)		(17)	
FY-95 320 KITS									(9)		(21)	0.2
FY-98 18 KITS												
FY-99 42 KITS												
FY-00 126 KITS												
FY-01 90 KITS												
FY-02 78 KITS												
FY-03 131 KITS												
TOTAL INSTALL QTY/COST					1		5		11	0.1	38	0.2
TOTAL COST (BP-1100)	1247	7.5		0.2		0.2	18	0.3	42	0.7	126	2.0

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

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FACT SHEET: F-16 MN-19229E FALCON 229 ENGINE UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS	90	1.3	78	1.2	131	2.1	1732	12.7		
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										0.4
CHANGE ORDERS										
DATA										
SIM/TRAINER										2.1
SUPPORT-EQUIP										0.1

INSTALLATION OF HARDWARE

FY-94 927 KITS	(14)		(22)		(5)		(15)		(81)	
FY-95 320 KITS									(9)	0.1
FY-98 18 KITS									(21)	0.2
FY-99 42 KITS									(63)	0.7
FY-00 126 KITS	(63)	0.7							(45)	0.5
FY-01 90 KITS			(45)	0.5	(39)	0.4	(63)	0.6	(39)	0.4
FY-02 78 KITS									(63)	0.6
FY-03 131 KITS										

TOTAL INSTALL QTY/COST

	77	0.7	67	0.5	44	0.4	78	0.7	321	2.6
TOTAL COST (BP-1100)	90	2.0	78	1.7	131	2.5		0.7	1732	17.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-94		FY-95		FY-96		FY-97		FY-98		FY-99		FY-00		FY-01		FY-02		FY-03		FY-04		FY-05	
CONTRACT-DATE (QTR/FY)	4/94	2/95	2/96	2/97	2/98	2/99	2/00	2/01	2/02	2/03	2/04	2/05	2/06	2/07	2/08	2/09	2/10	2/11	2/12	2/13	2/14	2/15	2/16	2/17
DELIVERY-DATE (QTR/FY)	4/95	2/96	2/97	2/98	2/99	2/00	2/01	2/02	2/03	2/04	2/05	2/06	2/07	2/08	2/09	2/10	2/11	2/12	2/13	2/14	2/15	2/16	2/17	2/18

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT																								
OUTPUT																								

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT																								
OUTPUT																								

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4
INPUT								
OUTPUT								

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: RADAR WARNING RECEIVER UPDATE PROGRAM MN-3088
MODELS OF AIRCRAFT AFFECTED: F-16C/D BLK 40
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
CENTER: ASC
PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This retrofit replaces the ALR-69 on Block 40 F-16s with an Advanced Radar Warning Receiver (ARWR) set (ALR-56M). The RWR will provide increased detection range, increased speed and accuracy for dense threat environments. It will also identify new threats. Support equipment, trainers and data will be provided by production program. The mod also funds the ALR-56M replacement computer. Technology for the computer is off-the-shelf, and no additional capabilities will be added to either the computer or software. The components will be reboarded and software rehosted in ADA. FY94 ECP funding funds nondevelopmental integration efforts related to the computer upgrade.

AIRCRAFT BREAKDOWN: Active -- 369 RES -- 0 ANG -- 15

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	384	42.7										
KITS NONREC												
EQUIPMENT	(165)	67.6										
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INTEGRATION												
ECP/COMPUTER												
FDT												
INSTALLATION OF HARDWARE												
FY-89 190 KITS	(86)	0.4	(53)	0.4	(48)	0.2	(3)					
FY-90 32 KITS												
FY-91 21 KITS												
FY-92 40 KITS												
FY-94 101 KITS												
TOTAL INSTALL QTY/COST	86	0.4	53	0.4	48	0.2	3	0.5	34	0.2		
TOTAL COST (BP-1100)	384	150.6		7.5		0.2		1.4		0.2		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												

FOLLOW-ON LEAD TIME -- 15 MONTHS

INITIAL LEAD TIME -- 24 MONTHS

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FACT SHEET: F-16 MN-3088 RADAR WARNING RECEIVER UPDATE PROGRAM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)										
PROCUREMENT (3010)									384	42.7
INSTALL KITS										
KITS NONRECUR										67.6
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										23.9
SUPPORT-EQUIP										23.1
INTEGRATION										0.8
ECP/COMPUTER										
FDT										
INSTALLATION OF HARDWARE									(190)	1.1
FY-89 190 KITS										
FY-90 32 KITS										
FY-91 21 KITS										
FY-92 40 KITS										
FY-94 101 KITS									(72)	0.7
TOTAL INSTALL QTY/COST									262	1.8
TOTAL COST (BP-1100)									384	159.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	10	12	14	13	10	15	12	13	11	14
OUTPUT	10	12	14	13	10	15	12	13	11	14
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	10	10	14	13	10	15	12	13	11	14
OUTPUT	10	10	14	13	10	15	12	13	11	14

DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: NAVSTAR GPS MN-3150M

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED: F-16C/D BLK 25/30/32

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning System (GPS) provides user equipment for F-16 BLK 25/30/32 aircraft to compute platform position/velocity as well as aid computation of steering vectors to target locations. This avionics mod will install the embedded GPS/INS (EGI) that combines a ring laser gyro INS, a GEM II GPS receiver card, and a master Kalman navigation filter in a single LRU. Existing RLG/INUs in the Block 25/30/32 aircraft removed as a result of this mod will be installed in Block 40/50 aircraft (which are equipped with LN-39 mechanical INUs). No funding for aircraft OPF development is included as integration is assumed to occur in conjunction with OPF update (SCU-4). Depot installation accomplished in conjunction with Falcon-Up (to maximum extent possible).

AIRCRAFT BREAKDOWN: Active -- 194 RES -- 91 ANG -- 332

DEVELOPMENT STATUS: EGI integration contract awarded 2/94; EGI F-16 missionization EDR completed; EGI integration unit deliveries nearing completion. Group A development contract awarded 1/96; Group A's PDR, CDR, and mock-up installation completed; T&E aircraft T-2 modifications began 12/96. Integration flight testing to start with SCU-4 OPF testing.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	1.0	8.1				4.8		4.7		3.3		
PROCUREMENT (3010)												
INSTALL KITS			150	6.4	330	13.2	77	3.7	58	3.0		
KITS NONRECUR				5.5								
EQUIPMENT			150	14.1	330	34.1	77	8.7	58	7.1		
EQUIP NONREC												
CHANGE ORDERS				1.9		2.4	0.6			0.5		
DATA				0.5		0.5				6.7		
SIM/TRAINER						0.1				6.3		
SUPPORT-EQUIP							3.0					
INSTALLATION OF HARDWARE					(10)	0.4	(140)	6.2	(241)	11.1		
FY-97 300 KITS							(89)	4.0	(11)	0.4		
FY-98 660 KITS												
FY-99 154 KITS												
FY-00 116 KITS												
TOTAL INSTALL QTY/COST												
							10	0.4	229	10.2	252	11.5
TOTAL COST (BP-1100)			300	28.4	660	50.6	154	26.2	116	35.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 18 MONTHS												
FOLLOW-ON LEAD TIME -- 18 MONTHS												

*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-3150M NAVSTAR GPS
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUIPMENT											
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
FY-97 300 KITS											
FY-98 660 KITS											
FY-99 154 KITS											
FY-00 116 KITS											
TOTAL INSTALL QTY/COST											
TOTAL COST (BP-1100)											
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
CONTRACT-DATE (QTR/FY)											
DELIVERY-DATE (QTR/FY)											
INSTALLATION SCHEDULE:											
QUARTERS											
INPUT											
OUTPUT											
INSTALLATION SCHEDULE:											
QUARTERS											
INPUT											
OUTPUT											

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ALE-47 MN-3450
MODELS OF AIRCRAFT AFFECTED: F-16C/D
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Retrofits F-16C/D BLK 40/42/50/52 with ALE-47 automatic/semi-automatic flare/chaff dispensing system. Provides much greater survivability due to the ability to provide compatible flare/chaff responses triggered by on-board sensors rather than by the pilot through preplanned and preprogrammed dispenser loads.
AIRCRAFT BREAKDOWN: Active -- 472 RES -- 0 ANG -- 206

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	365	2.7	84	0.5					84	0.5	84	0.5
KITS NONREC		0.8		0.1						0.1		0.1
EQUIPMENT	(365)	16.3	(84)	3.2			0.1		(84)	3.3	(84)	3.7
EQUIP NONREC		0.5		0.1						0.1		1.0
CHANGE ORDERS		1.0		1.0								2.5
DATA		1.3										
SIM/TRAINER												
SUPPORT-EQUIP	(72)	1.8								0.3		
INSTALLATION OF HARDWARE												
FY-92 93 KITS	(93)	0.6										
FY-93 108 KITS	(37)	0.3										
FY-94 84 KITS			(71)	0.4								
FY-95 80 KITS	(13)			0.1	(71)	0.4						
FY-96 84 KITS					(13)	0.1						
FY-99 84 KITS							(67)	0.7				
FY-00 84 KITS							(17)	0.2	(67)	0.7		
FY-01 61 KITS												
TOTAL INSTALL QTY/COST	130	0.9	84	0.5	84	0.5	84	0.9	67	0.7	84	7.8
TOTAL COST (BP-1100)	365	25.3	84	5.4		0.5		2.0	84	5.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 24 MONTHS
FOLLOW-ON LEAD TIME -- 24 MONTHS

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(CONTINUED)

FACT SHEET: F-16 MN-3450 ALE-47
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	61	0.4							678	4.6		
KITS NONRECUR		0.1								1.3		
EQUIPMENT	(61)	2.7								29.2		
EQUIP NONREC		0.1								1.8		
CHANGE ORDERS		1.0								6.5		
DATA										1.3		
SIM/TRAINER										2.1		
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-92 93 KITS							(93)			0.6		
FY-93 108 KITS							(108)			0.7		
FY-94 84 KITS							(84)			0.5		
FY-95 80 KITS							(80)			0.8		
FY-96 84 KITS							(84)			0.9		
FY-99 84 KITS	(84)	1.0					(84)			1.0		
FY-00 84 KITS			(84)				(84)			1.0		
FY-01 61 KITS					(61)	0.8	(61)			0.8		
TOTAL INSTALL QTY/COST	84	1.0	84	1.0	61	0.8			678	6.3		
TOTAL COST (BP-1100)	61	5.3		1.0		0.8			678	53.1		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
CONTRACT-DATE (QTR/FY)	4/92	4/93	4/94	4/95	4/96		4/98	4/99	4/00			
DELIVERY-DATE (QTR/FY)	2/94	4/95	4/96	4/97	4/98		4/00	4/01	4/02			
INSTALLATION SCHEDULE:	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
QUARTERS	1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3
INPUT						7 18 21	7 18 21	7 18 21	7 18 21	7 18 21	7 18 21	7 18 21
OUTPUT												
INSTALLATION SCHEDULE:	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07	FY-08
QUARTERS	1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3	4 1 2 3
INPUT	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21
OUTPUT	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21	21 21 21

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ADVANCED WEAPON INTEGRATION MN-4260
MODELS OF AIRCRAFT AFFECTED: F-16 C/D
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
CENTER: ASC
PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: These funds are for the integration and modification efforts required to employ smart weapons on the F-16 Block 50/52 and Block 40/42 aircraft. The Block 40 weapon pylons are required to be modified to incorporate the Block 50 pylon wiring harness and a MIL-STD-1760 connector (Group A). Failure to integrate these smart weapons onto the F-16 inventory reduces the ability to take advantage of the increased accuracy and stand-off capabilities of these next generation weapons.

AIRCRAFT BREAKDOWN: Active -- 447 RES -- 0 ANG -- 15

DEVELOPMENT STATUS: AF F-16 RDT&E effort is funded by the respective weapon system program office at Eglin AFB.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		7.0		12.0								
PROCUREMENT (3010)												
INSTALL KITS			170	2.6	71	1.0	221	3.1				
KITS NONRECUR				1.3								
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INTEGRATION												
SOFTWARE												
INSTALLATION OF HARDWARE												
FY-96 170 KITS					(170)	1.7	(71)	0.7		2.0		
FY-97 71 KITS												
FY-98 221 KITS									(221)			
TOTAL INSTALL QTY/COST												
					170	1.7	71	0.7	221	2.0		
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 9 MONTHS												
FOLLOW-ON LEAD TIME -- 9 MONTHS												

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FACT SHEET: F-16 MN-4260 ADVANCED WEAPON INTEGRATION (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									462	6.7
KITS NONRECUR										1.3
EQUIPMENT										
EQUIP NONREC										0.2
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										6.5
INTEGRATION										6.0
SOFTWARE										
INSTALLATION OF HARDWARE										
FY-96 170 KITS									(170)	1.7
FY-97 71 KITS									(71)	0.7
FY-98 221 KITS									(221)	2.0
TOTAL INSTALL QTY/COST									462	4.4
TOTAL COST (BP-1100)									462	25.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										

MILESTONES

	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)		2/96	2/97	2/98	
DELIVERY-DATE (QTR/FY)		1/97	1/98	1/99	
INSTALLATION SCHEDULE:					
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT		35 45 45 45	35 45 45 45	18 18 18 17	56 56 56 53
OUTPUT				18 18 17 17	56 56 56 53

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: DIGITAL TERRAIN SYSTEM (DTS) MN-4262
MODELS OF AIRCRAFT AFFECTED: BLK 25/30/40/50
DESCRIPTION/JUSTIFICATION: HQ ACC has stated that DTS is a firm requirement in the next F-16 block OFF tape release. To support this, the DTS program must purchase a DTS data transfer cartridge (DTS/DTC) to host the DTS software and serve as a replacement for the current DTC on these A/C. DTS includes precise navigation capabilities and a ground collision avoidance system designed to save pilots and A/C by reducing the controlled flight into terrain mishaps.
AIRCRAFT BREAKDOWN: Active -- 761 RES -- 89 ANG -- 440
DEVELOPMENT STATUS: None. No RDT&E required.
PROJECTED FINANCIAL PLAN
RDT&E (3600)

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
PE 0207133F TEAM POWER
CENTER: ASC

DESCRIPTION/JUSTIFICATION: HQ ACC has stated that DTS is a firm requirement in the next F-16 block OFF tape release. To support this, the DTS program must purchase a DTS data transfer cartridge (DTS/DTC) to host the DTS software and serve as a replacement for the current DTC on these A/C. DTS includes precise navigation capabilities and a ground collision avoidance system designed to save pilots and A/C by reducing the controlled flight into terrain mishaps.
AIRCRAFT BREAKDOWN: Active -- 761 RES -- 89 ANG -- 440

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUIPMENT											
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-4262 DIGITAL TERRAIN SYSTEM (DTS) (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD4E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									1935	51.5
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOTAL COST (BP-1100)									1935	51.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96			FY-97		FY-98		FY-99		FY-01	
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
MODELS OF AIRCRAFT AFFECTED: F-16A/B/C/D
CENTER: ASC
PE 0207133F TEAM POWER
DESCRIPTION/JUSTIFICATION: This modification provides improved reliability and maintainability, the number of ground aborts and maintenance actions due to system failures will be halved as troubleshooting time will be reduced 15 minutes per action. Additionally, brake and tire wear will be reduced by up to 35%. Mod name changed from anti-skid algorithm.
AIRCRAFT BREAKDOWN: Active -- 72 ANG -- 450

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS			399	2.7	357	2.3	499	3.5				
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER				0.3								
SUPPORT-EQUIP				0.1								
TOTAL COST (BP-1100)			399	3.1	357	2.3	499	3.5				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 6 MONTHS												
FOLLOW-ON LEAD TIME -- 6 MONTHS												

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-50003B REDESIGNED F-16 BRAKE CONTROL/ANTI-SKID (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTS6 (3600)										
PROCUREMENT (3010)										
INSTALL KITS									1255	8.5
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										0.3
CHANGE ORDERS										0.1
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOTAL COST (BP-1100)									1255	8.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98							
CONTRACT-DATE (QTR/FY)	3/96	4/97	2/98							
DELIVERY-DATE (QTR/FY)	1/97	2/98	4/98							

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: RF TOWED DECOY SYSTEMS MN-5013
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
MODELS OF AIRCRAFT AFFECTED: BLK 40/50
CENTER: WR-AIC
PE 0207442F TEAM INFO

DESCRIPTION/JUSTIFICATION: This modification allows the Navy Advanced Airborne Expendable Decoy (AAED) to be installed on F-16 aircraft as the towed decoy system (TDS). It will provide RF electronic protection for the F-16. The major components of the system are the AAED, canisters, magazines, and launcher/controller mounted in a modified 16-S-350 pylon. The system is a RF repeater acting to decoy threat systems that engage the F-16 resulting in increased miss distance.
AIRCRAFT BREAKDOWN: Active -- 437 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)						1.8						
PROCUREMENT (3010)												
INSTALL KITS			48	13.6	155	37.9	70	17.6	71	19.0		
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC				0.7		0.7		0.1		0.1		
CHANGE ORDERS				0.6		0.3		0.3		0.1		
DATA												
SIN/TRAINER				0.2		3.7		1.9		0.4		
SUPPORT-EQUIP				2.5								
SYSTEM ENGIN												
INSTALLATION OF HARDWARE												
FY-97 48 KITS												
FY-98 155 KITS												
FY-99 70 KITS												
FY-00 71 KITS												
FY-01 71 KITS												
FY-02 71 KITS												
FY-03 43 KITS												

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT FIELD TEAM

INITIAL LEAD TIME -- 13 MONTHS

FOLLOW-ON LEAD TIME -- 13 MONTHS

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*** UNCLASSIFIED ***

(CONTINUED)

FACT SHEET: F-16 MN-5013 RF TOWED DECOY SYSTEMS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD4E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	71	19.0	71	19.0	43	11.5			529	137.5
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC		0.1		0.2						1.9
CHANGE ORDERS		0.1								1.4
DATA										
SIM/TRAINER										0.2
SUPPORT-EQUIP										10.1
SYSTEM ENGIN		0.5		1.0		0.1				
INSTALLATION OF HARDWARE										
FY-97 48 KITS										
FY-98 155 KITS										
FY-99 70 KITS										
FY-00 71 KITS										
FY-01 71 KITS										
FY-02 71 KITS										
FY-03 43 KITS										
TOTAL INSTALL QTY/COST										
TOTAL COST (BP-1100)	71	19.7	71	20.1	43	11.6			529	151.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98 FY-99 FY-00										
CONTRACT-DATE (QTR/FY)		2/97	1/98	1/99	1/00					
DELIVERY-DATE (QTR/FY)		2/98	1/99	1/00	1/01					

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: MAIN AIRCRAFT BATTERY MN-52338B
MODELS OF AIRCRAFT AFFECTED: F16C/D (PREBLC 40)
CENTER: ASC
PE 0207133F TEAM POWER
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

DESCRIPTION/JUSTIFICATION: The main NICAD battery has one of the lowest MTBFs for an F-16 LRU. Battery and charging system must be extremely reliable and capable of performing under all operating conditions to ensure safety of flight. This modification would substantially increase system reliability and reduce support costs. Change was made on the F-18 and battery MTBF increased 78.5 to 3268 hours and MTEMA 24.2 to 418.6 hours. Removals per 1000 flight hours decreased 26.6 to 1.5 and MMH/1000 Flying Hours (FH) 168.9 to 20. Similar F-16 improvements expected. Statistics for the F-16 battery are 118 hours MTBF, 160 hours MTEMA, 6.7 removals/1000FH, and 183 MMH/100FH.

AIRCRAFT BREAKDOWN: Active -- 245 RES -- 84 ANG -- 314

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD7&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-52338B MAIN AIRCRAFT BATTERY (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
RDTE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC								610	4.3
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
TOTAL COST (BP-1100)								610	4.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96		FY-97		FY-98		FY-99		FY-00	
-----		-----		-----		-----		-----	
CONTRACT-DATE (QTR/FY)		2/97		2/98		2/99		2/00	
DELIVERY-DATE (QTR/FY)		2/98		2/99		2/00		2/01	

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*** UNCLASSIFIED ***

DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: RELOCATE FORWARD RWR ANTENNA MN-570051

MODELS OF AIRCRAFT AFFECTED: F-16 C/D

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

CENTER: ASC

PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This effort involves relocating the forward radar warning receiver (RWR) antenna from the fuselage to the leading edge flap of the wing. The current antenna location does not allow the RWR to meet its performance envelope on the F-16. The new location corrects this deficiency. Portions of the necessary Group A wiring were installed during production.

AIRCRAFT BREAKDOWN: Active -- 340 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-88 340 KITS (263)

2.8 (8)

0.1 (35)

0.7 (45)

1.1 (24)

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

0.6

TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 15 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-57U051 RELOCATE FORWARD RWR ANTENNA (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									340	3.7
EQUIPMENT										
EQUIP NONREC										3.5
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-88 340 KITS									(375)	5.3
TOTAL INSTALL QTY/COST									375	5.3
TOTAL COST (BP-1100)									340	12.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-88 FY-89 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98										
CONTRACT-DATE (QTR/FY)	1/88									
DELIVERY-DATE (QTR/FY)	1/89									
INSTALLATION SCHEDULE:										
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT										
OUTPUT										

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: SCREECH REDUCTION 129 ENGINE MN-6020
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
MODELS OF AIRCRAFT AFFECTED: F16 C/D (BLK 50)
CENTER: ASC
PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: F110-GE-129 engines are experiencing high screech levels on fielded engines. This screech is causing damage to the augmentor duct assembly, flame holder, fan core spray bars, local spray bars, and the exhaust nozzle liner. The damage includes broken or missing pieces and non-repairable cracks. 20 kits will mod spares.
AIRCRAFT BREAKDOWN: Active -- 237 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: In test.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDY&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES												

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 1 MONTHS

FOLLOW-ON LEAD TIME -- 1 MONTHS

185 2.7 34 0.6

185 3.2 34 0.6

0.5

*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-6020 SCREECH REDUCTION 129 ENGINE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR							219			3.3
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										0.5
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
MOD OF SPARES										
TOTAL COST (BP-1100)									219	3.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99	FY-00					
	---	---	---	---	---					
CONTRACT-DATE (QTR/FY)	3/96	1/97		2/99	1/00					
DELIVERY-DATE (QTR/FY)	1/97	3/97		2/99	1/00					

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: BLOCK 30 NIGHT VISION IMAGING SYSTEM (NVIS) MN-602030
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
MODELS OF AIRCRAFT AFFECTED: F-16 BLOCK 25/30/32
CENTER: ASC
PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This effort incorporates Night Vision Imaging System (NVIS) Compatible Lighting kits. This modification includes internal and external lighting and uses the post and bezel solution for lighting of the primary flight instruments. This a follow-on program to the Guard/Reserve 160 unit buy in FY96-97. This program will involve a new source selection and contract.

AIRCRAFT BREAKDOWN: Active -- 192 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
QTY	AMT	QTY	AMT	QTY	AMT	QTY
RDTE (3600)						
PROCUREMENT (3010)						
INSTALL KITS						
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY-98 70 KITS			(35)	0.4 (35)	0.4 (35)	0.4 (35)
FY-99 145 KITS				1.4 (110)	1.4 (70)	0.7 (70)
FY-00 70 KITS						
TOTAL INSTALL QTY/COST						
			35	0.4	1.8	1.1
			70	4.5	9.6	4.9

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 3 MONTHS

FOLLOW-ON LEAD TIME -- 3 MONTHS

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-602030 BLOCK 30 NIGHT VISION IMAGING SYSTEM (NVIS) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD6E (3600)

PROCUREMENT (3010)

INSTALL KITS									285	15.4
KITS NONRECUR										0.3

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-98 70 KITS

FY-99 145 KITS

FY-00 70 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96		FY-97		FY-98		FY-99		FY-00	
	1	2	3	4	1	2	3	4	1	2

CONTRACT-DATE (QTR/FY)

DELIVERY-DATE (QTR/FY)

INSTALLATION SCHEDULE:

QUARTERS

INPUT

OUTPUT

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: BLOCK 40 CAS NIGHT VISION IMAGING SYSTEM (NVIS) MN-602040
MODELS OF AIRCRAFT AFFECTED: BLOCK 40
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This mod improves the Air Force's ability to provide Close Air Support (CAS) for the Army and to perform night combat missions. This program integrates Night Vision Imaging System (NVIS) on Block 40/42 an some Block 50 aircraft.

AIRCRAFT BREAKDOWN: Active -- 492 RES -- 0 ANG -- 82

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
QTY	AMT	QTY	AMT	QTY	AMT	QTY
RDTE (3600)				6.1		
PROCUREMENT (3010)						
INSTALL KITS				80	4.1	157
KITS NONREC					8.1	225
EQUIPMENT						11.5
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INTEGRATION						
INSTALLATION OF HARDWARE						
FY-98 80 KITS					1.3	1.1
FY-99 157 KITS					1.3	1.3
FY-00 225 KITS					7.3	8.8
FY-01 112 KITS						
					1.8	1.9
					1.3	2.8
					(80)	(91)
					(66)	(133)
TOTAL INSTALL QTY/COST						
					3.1	4.7
					146	224
					21.1	27.4
					157	225

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-602040 BLOCK 40 CAS NIGHT VISION IMAGING SYSTEM (NVIS) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL				
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT			
RDT&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS	112	5.9							574	29.6			
KITS NONRECUR													
EQUIPMENT	(112)												
EQUIP NONREC													
CHANGE ORDERS													
DATA		0.5		0.1						4.1			
SIM/TRAINER										2.9			
SUPPORT-EQUIP		0.7		0.1						4.3			
INTEGRATION		7.3		0.3						27.5			
INSTALLATION OF HARDWARE													
FY-98 80 KITS									(80)	1.8			
FY-99 157 KITS									(157)	3.2			
FY-00 225 KITS	(92)	1.4							(225)	4.2			
FY-01 112 KITS	(112)	5.9							(112)	5.9			
TOTAL INSTALL QTY/COST	204	7.3							574	15.1			
TOTAL COST (BP-1100)	112	21.7		0.5					574	83.5			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
CONTRACT-DATE (QTR/FY)													
DELIVERY-DATE (QTR/FY)													
INSTALLATION SCHEDULE:													
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT									23	27	50	46	56
OUTPUT									23	27	50	46	56

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: BLOCK 50 MODIFIED MODULAR MISSION COMPUTER (MMC) MN-602150
MODELS OF AIRCRAFT AFFECTED: BLOCK 50/52
DESCRIPTION/JUSTIFICATION: The mod produces and incorporates the Modified Modular Mission Computer into Block 50/52 F-16's. MMCs are being installed in Taiwan production aircraft, and are part of the MLU retrofit effort.
AIRCRAFT BREAKDOWN: Active -- 238 RES -- 0 ANG -- 0
CENTER: ASC
PE 0207133F TEAM POWER
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS P

DEVELOPMENT STATUS: The MMC is undergoing Durability Life Testing at LMTAS. This includes vibration and environmental testing. This is the final phase of development of the MMC.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)				5.1		16.8		3.8				
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 44 KITS												
FY-00 84 KITS												
FY-01 84 KITS												
FY-02 26 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

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FACT SHEET: F-16 MN-602150 BLOCK 50 MODIFIED MODULAR MISSION COMPUTER (MMMC) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD4E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	84	12.6	26	3.9			238			35.7
KITS NONRECUR										
EQUIPMENT	(84)	33.6	(26)	10.4						95.2
EQUIP NONREC										8.6
CHANGE ORDERS		3.9								4.7
DATA		1.3								6.6
SIM/TRAINER										23.0
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-99 44 KITS	(44)	6.8	(84)	13.3			(44)	6.8		
FY-00 84 KITS					(84)	13.6	(84)	13.3		
FY-01 84 KITS							(84)	13.6		
FY-02 26 KITS							(26)	4.2	(26)	4.2
TOTAL INSTALL QTY/COST	44	6.8	84	13.3	84	13.6	26	4.2	238	38.0
TOTAL COST (BP-1100)	84	58.1	26	27.6		13.6		4.2	238	211.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										

	FY-96		FY-97		FY-98		FY-99		FY-00		FY-01		FY-02		FY-03		FY-04	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
CONTRACT-DATE (QTR/FY)																		
DELIVERY-DATE (QTR/FY)																		

INSTALLATION SCHEDULE:																	
FY-01		FY-02		FY-03		FY-04											
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4										
INPUT	8 12 12 12	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21										
OUTPUT	8 12 12 12	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21										

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DATE 02/14/97 EXHIBIT P3A CONGRESSIONAL
FY 1998 PB MODIFICATION OF AIRCRAFT FY 1998 PROGRAM
MODIFICATION TITLE AND NO: PRE BLK 40 STRUCTURAL IMPROVEMENT PROGRAM MN-6022
MODELS OF AIRCRAFT AFFECTED: F-16 C/D PRE -40 CENTER: ASC
PE 0207133F TEAM POWER

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P

DESCRIPTION/JUSTIFICATION: Engineering test, analysis, and user's experience indicate the aircraft structure will not meet the needed 8000 hour service life. The structural improvement program combines the following major structural modifications into one overall program: ECPs 1910 and 1947 fuel shelf/wing carry through bulkhead, and ECP 1992 vertical tail aft mounting pads bulkhead FS 479.

AIRCRAFT BREAKDOWN: Active -- 235 RES -- 91 ANG -- 333

DEVELOPMENT STATUS: Under provision of the Correction of Deficiency (COD), no development procedures were required prior to contract award.

PROJECTED FINANCIAL PLAN

RD&E (3600)

PROCUREMENT (3010)

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
INSTALL KITS	281	10.0	116	2.9	160	7.4
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
TOOLING						
SPARES						
OGC						

INSTALLATION OF HARDWARE

FY-92	33	KITS	(33)						
FY-93	64	KITS	(64)						
FY-94	92	KITS	(23)						
FY-95	92	KITS	(23)						
FY-96	116	KITS	(23)						
FY-97	160	KITS	(23)						
FY-98	116	KITS	(23)						
FY-99	29	KITS	(23)						
TOTAL INSTALL QTY/COST	120		35.2	92	26.1	92	26.5	116	34.4
TOTAL COST (BP-1100)	281		52.8	116	31.9	160	36.6	116	43.7

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

FOLLOW-ON LEAD TIME -- 18 MONTHS

INITIAL LEAD TIME -- 14 MONTHS

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FACT SHEET: F-16 MN-6022 PRE BLK 40 STRUCTURAL IMPROVEMENT PROGRAM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)									702	26.5
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS		1.6								8.8
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOOLING										2.8
SPARES										3.8
OGC										14.0
INSTALLATION OF HARDWARE										
FY-92 33 KITS									(33)	9.9
FY-93 64 KITS									(64)	19.1
FY-94 92 KITS									(92)	25.7
FY-95 92 KITS									(92)	21.6
FY-96 116 KITS									(116)	36.7
FY-97 160 KITS									(160)	45.4
FY-98 116 KITS (20)		2.0							(116)	27.2
FY-99 29 KITS (29)									(29)	
TOTAL INSTALL QTY/COST	49	2.0							702	185.6
TOTAL COST (BP-1100)		7.9							702	241.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99 FY-00 FY-01										
CONTRACT-DATE (QTR/FY)	3/92	4/93	2/94	2/95	2/96	2/97	2/98	2/99		
DELIVERY-DATE (QTR/FY)	4/93	4/94	4/95	4/96	4/97	4/98	4/99	4/00		
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					5	7	10	11	16	16
OUTPUT					5	7	10	11	16	16
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	23	23	23	23	29	29	29	30	29	29
OUTPUT	23	23	23	23	29	29	29	30	29	29

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: BLOCK 40 STRUCTURAL IMPROVEMENT MN-602240
MODELS OF AIRCRAFT AFFECTED: BLOCK 40/42
DESCRIPTION/JUSTIFICATION: Engineering test, analysis, user's experience indicate aircraft structure will not meet the needed 8000 hour service life. Delays may lead to further structural degradation which will be costly to correct, and may impact flight safety. Funds would also be used to install aircraft kits resulting from correction of deficiency (COD) ECP's and structural changes to the Block 40 aircraft.

DEVELOPMENT STATUS: Under provision of the COD, no development procedures were required prior to contract award. FY95 money will start the installation of kits provided by Lockheed. Under agreement with Lockheed, they provide the kits and the Air Force provides the installation dollars.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)	(84)		(84)		(84)		(84)		(45)			
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
COD KITS	(84)		(84)		(84)		(84)		(45)			
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST	84	11.9	84	18.5	84	13.4	84	17.8	45	9.9		
TOTAL COST (BP-1100)		11.9		18.5		13.4		17.8		9.9		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 1 MONTHS												
FOLLOW-ON LEAD TIME -- 1 MONTHS												

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FACT SHEET: F-16 MN-602240 BLOCK 40 STRUCTURAL IMPROVEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
COD KITS										
INSTALLATION OF HARDWARE										
TOTAL INSTALL QTY/COST									381	71.5
TOTAL COST (BP-1100)										71.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										

CONTRACT-DATE (QTR/FY)	FY-95	FY-96	FY-97	FY-98	FY-99
DELIVERY-DATE (QTR/FY)	1/95	1/96	1/97	1/98	1/99

INSTALLATION SCHEDULE:	FY-95	FY-96	FY-97	FY-98	FY-99
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21
OUTPUT	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21	21 21 21 21

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS F-16 CLASS P
MODELS OF AIRCRAFT AFFECTED: BLOCK 25/30/32
CENTER: ASC
PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: Increases throughput and memory and removes obsolete parts.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONREC												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 200 KITS												
FY-00 300 KITS												
FY-01 300 KITS												

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 2 MONTHS

FOLLOW-ON LEAD TIME -- 2 MONTHS

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FACT SHEET: F-16 MN-610330 BLOCK 30 ENHANCED FIRE CONTROL COMPUTER UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

RD&E (3600)		FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
PROCUREMENT (3010)											
INSTALL KITS	300	3.2						800		8.4	
KITS NONRECUR										0.2	
EQUIPMENT											
EQUIP NONREC										0.6	
CHANGE ORDERS										1.2	
DATA		0.3									
SIM/TRAINER										4.4	
SUPPORT-EQUIP											
INSTALLATION OF HARDWARE											
FY-99 200 KITS											
FY-00 300 KITS											
FY-01 300 KITS											
TOTAL INSTALL QTY/COST											
TOTAL COST (BP-1100)	300	4.4						800		14.8	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											

CONTRACT-DATE (QTR/FY)		FY-96		FY-97		FY-98		FY-99		FY-00	
DELIVERY-DATE (QTR/FY)		1	2	3	4	1	2	3	4	1	2
2/99	1/00										
2/99	1/00										
INSTALLATION SCHEDULE:											
QUARTERS		1	2	3	4	1	2	3	4	1	2
INPUT											
OUTPUT											

INSTALLATION SCHEDULE:		FY-01		FY-02		FY-03		FY-04		FY-05	
QUARTERS		1	2	3	4	1	2	3	4	1	2
INPUT		75	75	75	75	75	75	75	75	75	75
OUTPUT		75	75	75	75	75	75	75	75	75	75

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: BLOCK 50 IMPROVED AIRBORNE VIDEO TAPE RECORDER (IA MN-6400
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
MODELS OF AIRCRAFT AFFECTED: BLOCK 50/52 CENTER: ASC
PE 0207133F TEAM POWER
DESCRIPTION/JUSTIFICATION: Provides kits to install Improved Airborne Video Tape Recording System (IAVTR) in the F-16 Block 50/52 aircraft
delivered prior to FY97. IAVTR provides two hour, three sensor (HUD, LMED, RMED) color video recording for training, mission planning,
battle damage assessment, and mission debriefing
AIRCRAFT BREAKDOWN: Active -- 228 RES -- 0 ANG -- 18

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			246	4.4								
KITS NONRECUR			1	0.2								
EQUIPMENT												
EQUIP NONREC				0.5								
CHANGE ORDERS				0.3								
DATA												
SIM/TRAINER				0.5								
SUPPORT-EQUIP												
TOTAL COST (BP-1100)			247	5.9								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 0 MONTHS												

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*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-6400 BLOCK 50 IMPROVED AIRBORNE VIDEO TAPE RECORDER (IA (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									246	4.4
KITS NONRECUR									1	0.2
EQUIPMENT										
EQUIP NONREC										0.5
CHANGE ORDERS										0.3
DATA										
SIM/TRAINER										0.5
SUPPORT-EQUIP										
TOTAL COST (BP-1100)									247	5.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01				
CONTRACT-DATE (QTR/FY)		3/97				2/01				
DELIVERY-DATE (QTR/FY)		3/98				2/02				

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: F110 TURBINE FRAME OIL TUBE/VSV MN-F19000
MODELS OF AIRCRAFT AFFECTED: BLOCK 30/40
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
CENTER: ASC
PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: A crack found in ESN 509165 turbine frame oil supply tube was caused by excessive assembly torque or seizing of the bolts during disassembly. This ECP provides a self wrenching feature to counteract the torque. The mod also provides for radiographic inspection of the HPC Variable Stator Vane (VSV) section to prevent misalignment and Support Equipment to detect the VSV misalignment. The F110 family of engines has experienced misassemblies of the VSV system, causing a Non-Recoverable In-Flight Shut Down (NRFSD) rate 3 times greater than the single engine fighter threshold of 0.5 per million flying hours. There have been 3 F-16 Class A accidents/incidents associated with this issue. Installations for VSV are included as part of depot overhaul. This mod improves the non-recoverable in-flight shutdown rate from 2.46 to .73 per million engine flying hours.

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	806	0.2										
KITS NONREC	17											
EQUIPMENT	(429)	2.6 (364)	2.2 (297)	1.8 (50)								
EQUIP NONREC		1.5										
CHANGE ORDERS		0.1										
DATA												
STM/TRAINER												
SUPPORT-EQUIP	(16)	0.1										
C KITS	(824)											
RADIOGRAPHY		0.8										
INSTALLATION OF HARDWARE												
FY-92 823 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	823	5.3	2.2	1.8								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: F-16 MN-F19000 F110 TURBINE FRAME OIL TUBE/VSV (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD16E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									806	0.2
KITS NONRECUR									17	0.0
EQUIPMENT										6.9
EQUIP NONREC										1.5
CHANGE ORDERS										0.1
DATA										
SIM/TRAINER										0.1
SUPPORT-EQUIP										0.0
C KITS										0.8
RADIOGRAPHY										
INSTALLATION OF HARDWARE										
FY-92 823 KITS										
TOTAL INSTALL QTY/COST									823	9.6
TOTAL COST (BP-1100)										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98		
DELIVERY-DATE (QTR/FY)	1/92			3/96		3/97	1/97	1/98		
	1/92			3/97		3/97	1/98	1/99		
INSTALLATION SCHEDULE:	FY-91	FY-92	FY-93							
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT					274	274	275			
OUTPUT					274	274	275			

DATE	02/14/97	MODIFICATION OF AIRCRAFT FY 1998 PROGRAM	EXHIBIT P3A CONGRESSIONAL
FY 1998 PB			
MODIFICATION TITLE AND NO:	F-110-GE-129 (DEC)	UPGRADE	MN-F19400
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE		CLC	F-16 CLASS P

MODELS OF AIRCRAFT AFFECTED:	BLOCK 50	CENTER:	ASC	PE	0207133F	TEAM POWER
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DESCRIPTION/JUSTIFICATION: The F110-GE-100 DEC hardware retrofit improves the long-term reliability and maintainability of the Block 50 F-16. Failure to incorporate this retrofit will keep the DEC's most unreliable circuit board in service and continue to require excessive maintenance. The -129 power supply board is the leading cause of DEC mode transfers for the Block 50's. Incorporation of this retrofit will reduce the number of DEC mode transfers by 50%.

AIRCRAFT BREAKDOWN: Active -- 236 RES -- 0 ANG -- 18

DEVELOPMENT STATUS: Complete. Funded through the Engine Component Improvement Program (CIP).

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS			219	6.8	61	1.9						
KITS NONRECUR			24	0.7								
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP				0.5								

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-F19400 F-110-GE-129 (DEC) UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									280	8.7
KITS NONRECUR									24	0.7
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										0.5
TOTAL COST (BP-1100)									304	9.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97								
	-----	-----								
CONTRACT-DATE (QTR/FY)	2/96	2/97								
DELIVERY-DATE (QTR/FY)	4/96	4/97								

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: F110 DEC HARDWARE RETROFIT MN-F19410
MODELS OF AIRCRAFT AFFECTED: F-16C/D
CENTER: ASC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC F-16 CLASS P
PE 0207133F TEAM POWER

DESCRIPTION/JUSTIFICATION: This retrofit improves the reliability and maintainability of the driver LRU on the F110 DEC and provides on-wing reprogramming capability for the Block 30/40/50. Currently, the DEC cannot be reprogrammed without removing it from an engine. On-wing reprogramming will provide significant O&S savings and allow implementation of operational capability improvements.

DEVELOPMENT STATUS: Complete. Funded through the Engine Component Improvement Program (CIP).

PROJECTED FINANCIAL PLAN

PRIOR	FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)					45	0.3	324	2.3	324	2.4
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: F-16 MN-F19410 F110 DEC HARDWARE RETROFIT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	200	1.5	29	0.2					922	6.8
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOTAL COST (BP-1100)	200	1.5	29	0.2					922	6.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96			FY-97		FY-98		FY-99		FY-00	
CONTRACT-DATE (QTR/FY)					2/98	1/99	1/99	1/00	1/01	1/02
DELIVERY-DATE (QTR/FY)					1/99	3/99	3/00	3/01	3/02	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: EF-111			
	1996	1997	1998	1999	2000	2001	2002
	\$0.001	\$0.861	\$0.236				
COST (in Mil)							

This line item funds modifications to the EF-111 aircraft. The EF-111 is a twin engine, two seat, supersonic, long-range electronic warfare aircraft which denies, degrades, deceives and disrupts enemy early warning, ground controlled intercept, and acquisition radars. The overall goal of the modification budgeted in FY98 is to efficiently comply with contract termination provisions for program termination. The specific modification budgeted and programmed is below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A		LOW COST SAFETY MODIFICATIONS		0.7	0.2							1.0
			CLASS P-S TOTAL FOR EF-111		0.7	0.2							
P	288888		REPROGRAMMINGS		0.1								4.4
			CLASS P TOTAL FOR EF-111		0.1								
			TOTAL FOR EF-111		0.9	0.2							

Totals may not add due to rounding.

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE	
P-1 ITEM NOMENCLATURE: T/AT-37								
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS								
	1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)	\$0.088	\$0.096	\$0.095	\$0.093	\$0.093	\$0.092	\$0.093	\$0.090

The T-37 is a twin engine, two seat (side-by-side), subsonic jet trainer used by AETC as a primary trainer in Undergraduate Pilot and Navigator Training. The overall goal of the modification budgeted in the FY98 is to enhance flight safety while improving reliability and maintainability. The specific modification budgeted and programmed is below

[illegible]

Totals may not add due to rounding.

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										FEBRUARY 1997	
P-1 ITEM NOMENCLATURE: C-5											
	1996	1997	1998	1999	2000	2001	2002	2003			
COST (In Mil)	\$60.917	\$54.023	\$83.036	\$75.656	\$147.008	\$117.177	\$119.803	\$81.766			

This line item funds modifications to the C-5 aircraft. The four engine C-5 carries outsized and heavy cargo (tanks, helicopters, etc.) between main operating bases. The aircraft routinely carries 73 troops and 36 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	21107A	THRUST REVERSER INDICATING SYS	0.7									5.6
	99999A	LOW COST SAFETY MODIFICATIONS	0.3		0.2							1.3
CLASS P-S TOTAL FOR C-5			1.0		0.2							
P	14220B	MLG/DOOR ACTUATING SYSTEM (R&M)	1.6	3.1								77.9
	15203B	MADARS REPLACEMENT	13.1	6.4	5.0							222.7
	23121B	IMPROVED BOLTING NOZZLE SEAL	0.2									0.9
	3150	NAVSTAR GLOBAL POSITIONING SYS	33.5	4.8	4.8	5.4						69.5
	3455	AIRLIFT DEFENSIVE SYSTEMS	1.3	5.6	9.3	8.3	10.8	5.2	11.2	1.7		67.2
	6030	REDUCED VERTICAL SEPARATION MI		1.6	0.5							2.1
	6031	THRUST RECOVERY CABIN OUTFLOW	0.4									0.4
	6032	COMPARTMENT FLOOR CORROSION PR	4.9		0.4	0.5	0.3					6.1
	6033	INSTALLATION OF NOSE LANDING G	0.1									0.1
	6034	TF39 ENGINE VAPOR BARRIER				1.5	3.9					5.3
	6035	D-SUMP LUBE LINE MODIFICATION			1.5							1.5
	6036	SMART ENGINE DIAGNOSTICS					1.1	4.3				5.3
	6037	TF39 ENGINE HIGH PRESSURE TURB				52.1	65.4	54.4	28.9			282.2
	6038	AUTOPILOT AND FLIGHT AUGMENTAT			17.4	43.9	44.8	44.4	70.8	48.9	90.4	299.3
	6039	COCKPIT/COURIER FLOOR STRESS P								30.5	6.5	37.1
	6046	L-BAND SATCOM AND CUTF-C2 COMM	4.3									4.3
	6103	HYDRAULIC SURGE CONTROL -EASY				2.3						2.3
	6150	STANDBY ATTITUDE INDICATOR	0.1	4.2	1.4							5.7
	6151	REPLACE FUEL FLOW TRANSMITTER			7.0							7.0
	6152	ANTI-SKID RELIABILITY UPGRADE			9.1							9.1
	96001	STATION KEEPING EQUIPMENT		9.1		4.4	13.5	5.7	6.6	0.4		39.8
	96002	AIRDROP SYSTEM EQUIPMENT				0.2	0.4	0.4	0.4	0.1		1.5
	96003	AIRCRAFT FORMATION LIGHTING		1.8		0.8	2.6	2.7	1.9			9.7
	96004	SINGGARS				0.2	4.3					4.5
	99999X	LOW COST MODIFICATIONS	0.5						0.1	0.1		1.7

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
P-1 ITEM NOMENCLATURE: C-5										
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
	1996	1997	1998	1999	2000	2001	2002	2003		
COST (in Mil)	\$60.917	\$54.023	\$83.036	\$75.656	\$147.008	\$117.177	\$119.803	\$81.766		
CLASS P										
TOTAL FOR C-5										
	59.9	54.0	82.8	75.7	147.0	117.2	119.8	97.0		
	60.9	54.0	83.0	75.7	147.0	117.2	119.8	97.0		

Totals may not add due to rounding.

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*** UNCLASSIFIED ***

DATE 02/14/97
 FY 1998 PB
 MODIFICATION TITLE AND NO: MLG/DOOR ACTUATING SYSTEM (R&M) MN-14220B
 MODELS OF AIRCRAFT AFFECTED: C-5A/B
 MODIFICATION OF AIRCRAFT
 FY 1998 PROGRAM
 EXHIBIT P3A CONGRESSIONAL
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC C-5 CLASS P
 CENTER: SA-ALC
 PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Installs a simpler main landing gear (MLG) door actuation system consisting of two main actuators/gearboxes per each MLG instead of the present ten. Existing system is plagued with failures resulting in four Class C accidents within past year. Will also provide commonality with C-5B production aircraft. Includes modification of the maintenance trainer unit.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	77	15.3										
KITS NONREC												
EQUIPMENT	(77)	44.8										
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.5										
SIM/TRAINER	(2)	1.1										
SUPPORT-EQUIP												
KIT REPLENISH		0.9										
INSTALLATION OF HARDWARE												
FY-88 53 KITS	(53)	3.0										
FY-89 24 KITS	(14)	7.5	(4)	1.6	(6)	2.6						
TOTAL INSTALL QTY/COST	67	10.5	4	1.6	6	2.6						
TOTAL COST (BP-1100)	77	73.2		1.6		3.1						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 6 MONTHS												
FOLLOW-ON LEAD TIME -- 6 MONTHS												

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 *** UNCLASSIFIED ***

FACT SHEET: C-5 MN-14220B MLG/DOOR ACTUATING SYSTEM (R&M) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									77	15.3
KITS NONRECUR										
EQUIPMENT										44.8
EQUIP NONREC										0.5
CHANGE ORDERS										0.5
DATA										1.1
SIM/TRAINER										0.9
SUPPORT-EQUIP										
KIT REPLENISH										
INSTALLATION OF HARDWARE										
FY-88 53 KITS							(53)			3.0
FY-89 24 KITS							(24)			11.7
TOTAL INSTALL QTY/COST									77	14.7
TOTAL COST (BP-1100)									77	77.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-88 FY-89 FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97										
CONTRACT-DATE (QTR/FY)	1/88	1/89								
DELIVERY-DATE (QTR/FY)	3/88	3/89								
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					4	4	4	4	4	4
OUTPUT					4	4	4	4	4	4
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					4	4	4	4	4	4
OUTPUT					4	4	4	4	4	4

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: MADARS REPLACEMENT MN-15203B
MODELS OF AIRCRAFT AFFECTED: C-5A
CENTER: SA-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P
PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Replaces malfunction detection, analysis and recording system (MADARS) with state of the art digital electronics.
Allows consolidation of many functions reducing number of total boxes. Present MADARS is unreliable and costly to maintain.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	76	67.6										
KITS NONRECUR												
EQUIPMENT	(76)	60.3										
EQUIP NONREC		12.4										
CHANGE ORDERS												
DATA		4.3										
SIM/TRAINER												
SUPPORT-EQUIP		24.4										
KIT REPLENISH		8.6										
INSTALLATION OF HARDWARE												
FY-90 51 KITS	(28)	0.3	(16)	13.1	(7)	6.4						
FY-91 15 KITS	(15)	13.0										
FY-92 10 KITS	(10)	7.3										
TOTAL INSTALL QTY/COST	53	20.6	16	13.1	7	6.4						
TOTAL COST (BP-1100)	76	198.2		13.1		6.4		5.0				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 10 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-5 MN-15203B MADARS REPLACEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS									76	67.6		
KITS NONRECUR										0.0		
EQUIPMENT										60.3		
EQUIP NONREC										12.4		
CHANGE ORDERS										5.0		
DATA										4.3		
SIM/TRAINER										24.4		
SUPPORT-EQUIP										8.6		
KIT REPLENISH												
INSTALLATION OF HARDWARE												
FY-90 51 KITS									(51)	19.8		
FY-91 15 KITS									(15)	13.0		
FY-92 10 KITS									(10)	7.3		
TOTAL INSTALL QTY/COST									76	40.1		
TOTAL COST (BP-1100)									76	222.7		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
CONTRACT-DATE (QTR/FY)	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	
DELIVERY-DATE (QTR/FY)	1/89	4/89	4/90	3/91	2/92							
	4/89	2/90	2/91	1/92	4/92							
INSTALLATION SCHEDULE:												
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					5	5	5	6	4	3	2	4
OUTPUT						5	5	4	4	4	3	2
INSTALLATION SCHEDULE:												
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					2	2	2	1	4	4	2	2
OUTPUT	4					2	2	1	4	4	4	2
INSTALLATION SCHEDULE:												
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									4	4	2	2
OUTPUT	1								4	4	2	2

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: C-5 A/B
CENTER: SA-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P
PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. The system is composed of three segments; user equipment, satellites and a control network. Satellites broadcast high-accuracy data signals which are received by user equipment to compute platform position/velocity and provide steering vectors to target locations. Control segment updates daily the navigation messages broadcast from the satellites.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	38	1.6	88	3.8								
KITS NONREC	(1)	3.5										
EQUIPMENT	(38)	6.9	(88)	21.3								
EQUIP NONREC		3.0		0.8		1.3						
CHANGE ORDERS												5.4
DATA												
SIM/TRAINER				7.7		2.1						
SUPPORT-EQUIP												
SOFTWARE				5.9								
MAINT TRAINER												
INSTALLATION OF HARDWARE												
FY-94 1 KITS					(1)	0.1						
FY-95 37 KITS					(26)	1.3	(11)	0.6				
FY-96 88 KITS							(88)	4.2				
TOTAL INSTALL QTY/COST					27	1.4	99	4.8				
TOTAL COST (BP-1100)	38	21.0	88	33.5		4.8		4.8				5.4

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 42 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-5 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									126	5.4
KITS NONRECUR										3.5
EQUIPMENT										28.2
EQUIP NONREC										5.1
CHANGE ORDERS										5.4
DATA										
SIM/TRAINER										9.8
SUPPORT-EQUIP										5.9
SOFTWARE										
MAINT TRAINER										
INSTALLATION OF HARDWARE										
FY-94 1 KITS							(1)			0.1
FY-95 37 KITS							(37)			1.9
FY-96 88 KITS							(88)			4.2
TOTAL INSTALL QTY/COST									126	6.2
TOTAL COST (BP-1100)									126	69.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-94 FY-95 FY-96 FY-97 FY-98 FY-99										
CONTRACT-DATE (QTR/FY)	1/94	4/96	4/96	1/97						
DELIVERY-DATE (QTR/FY)	3/97	4/97	4/97	1/98						
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									1	2
OUTPUT									1	2
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4						
INPUT										
OUTPUT										

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AIRLIFT DEFENSIVE SYSTEMS MN-3455
MODELS OF AIRCRAFT AFFECTED: C-5
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P
CENTER: SA-ALC
PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: C-5 users have had a long standing mission requirement for electronic warfare defensive systems which will improve aircrew survivability. The electronic warfare defensive systems will consist of a missile warning receiver, and a flare and chaff dispenser. During the FY99 POM cycle, AMC will POM for remaining 6 kits in FY01 and additional installs in FY02 (6) and FY03 (10). Installations are a combination of depot and contractor installs.
AIRCRAFT BREAKDOWN: Active -- 55 RES -- 8 ANG -- 4

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	8	3.5			11	3.9	8	2.2	6	1.8	13	4.0
KITS NONRECUR		0.8										
EQUIPMENT	(7)	2.1	(11)	1.1			(8)	2.7	(6)	2.1	(13)	4.7
EQUIP NONREC				0.2								
CHANGE ORDERS												
DATA		0.8										
SIM/TRAINER	(11)	1.1								1.0		
SUPPORT-EQUIP		0.5						0.6				
SPARES												
RETROFIT	(4)	1.9	(4)	0.1								
RETROFIT INSTAL												
INSTALLATION OF HARDWARE												
FY-93 2 KITS	(2)	3.1			(4)	1.7	(2)	0.7				
FY-95 6 KITS							(9)	3.2	(2)	0.7		
FY-97 11 KITS									(8)	2.8	(6)	2.1
FY-98 8 KITS												
FY-99 6 KITS												
FY-00 13 KITS												
FY-01 1 KITS												
FY-02 4 KITS												

TOTAL INSTALL QTY/COST	2	3.1			4	1.7	11	3.9	10	3.5	6	2.1
TOTAL COST (BP-1100)	8	13.8										

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 8 MONTHS
FOLLOW-ON LEAD TIME -- 6 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-5 MN-3455 AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

		FY-01		FY-02		FY-03		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS		1	0.3	4	4.7					51	20.4
KITS NONRECUR											0.8
EQUIPMENT		(1)	0.4	(4)	5.8						18.8
EQUIP NONREC											0.2
CHANGE ORDERS											0.3
DATA											0.8
SIM/TRAINER											2.1
SUPPORT-EQUIP											1.1
SPARES											1.9
RETROFIT											0.1
INSTALLATION OF HARDWARE											
FY-93 2 KITS								(2)			3.1
FY-95 6 KITS								(6)			2.4
FY-97 11 KITS								(11)			3.9
FY-98 8 KITS								(8)			2.8
FY-99 6 KITS								(6)			2.1
FY-00 13 KITS		(12)	4.2	(1)	0.4			(13)			4.6
FY-01 1 KITS		(1)	0.4					(1)			0.4
FY-02 4 KITS						(4)	1.7	(4)			1.7
TOTAL INSTALL QTY/COST		12	4.2	2	0.7	4	1.7			51	20.9
TOTAL COST (BP-1100)		1	5.2	4	11.2					51	67.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
CONTRACT-DATE (QTR/FY)		FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
DELIVERY-DATE (QTR/FY)		1/93	1/94	1/95	1/96	1/97	1/98	1/99	1/00	1/01	1/02
INSTALLATION SCHEDULE:		FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
QUARTERS		1 2 3	4	1 2 3	4	1 2 3	4	1 2 3	4	1 2 3	4
INPUT			2								2
OUTPUT			2								2
INSTALLATION SCHEDULE:		FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07
QUARTERS		1 2 3	4	1 2 3	4	1 2 3	4	1 2 3	4	1 2 3	4
INPUT											
OUTPUT											
INSTALLATION SCHEDULE:		FY-03	FY-04	FY-05	FY-06	FY-07	FY-08	FY-09	FY-10	FY-11	FY-12
QUARTERS		1 2 3	4	1 2 3	4	1 2 3	4	1 2 3	4	1 2 3	4
INPUT											
OUTPUT											

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: COMPARTMENT FLOOR CORROSION PREVENTION MN-6032
MODELS OF AIRCRAFT AFFECTED: C-5A
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P
CENTER: SA-ALC
PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Stress panels in the troop compartment latrine are corroding. In order to replace the panels, the entire latrine must be removed. This causes a three week programmed depot maintenance delay. The C-5B designed latrine will be installed on the C-5A. The C-5B latrine has a one piece fiberglass floor pan, fiberglass walls, and a larger holding tank.

AIRCRAFT BREAKDOWN: Active -- 28 RES -- 31 ANG -- 12

DEVELOPMENT STATUS: None required since the C-5B design is being used.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			70	3.7								
KITS NONRECUR			1	0.5								
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 71 KITS							(25)	0.4 (28)		0.5 (18)		0.3
TOTAL INSTALL QTY/COST							25	0.4 28		0.5 18		0.3
TOTAL COST (BP-1100)			71	4.9				0.4		0.5		0.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 14 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-5 MN-6032 COMPARTMENT FLOOR CORROSION PREVENTION (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TOTAL
	QTY ----- AMT ----	QTY ----- AMT ----	QTY ----- AMT ----	QTY ----- AMT ----
RDT&E (3600)				
PROCUREMENT (3010)				
INSTALL KITS				
KITS NONRECUR				
EQUIPMENT				
EQUIP NONREC				
CHANGE ORDERS				
DATA				
SIM/TRAINER				
SUPPORT-EQUIP				
INSTALLATION OF HARDWARE				
FY-96 71 KITS	(	)		1.2
TOTAL INSTALL QTY/COST	71			1.2
TOTAL COST (BP-1100) (TOTALS MAY NOT ADD DUE TO ROUNDING.)				6.1
MILESTONES				
CONTRACT--DATE (QTR/FY) 1/97				
DELIVERY--DATE (QTR/FY) 1/98				
INSTALLATION SCHEDULE:				
QUARTERS	1	2	3	4
INPUT				
OUTPUT				

*** UNCLASSIFIED ***

DATE 02/14/97

EXHIBIT P3A CONGRESSIONAL

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

CLC C-5 CLASS P

MODIFICATION TITLE AND NO: TF39 ENGINE HIGH PRESSURE TURBINE MN-6037

PE 0401119F TEAM MOBIL

MODELS OF AIRCRAFT AFFECTED: C-5A/B CENTER: SA-ALC

DESCRIPTION/JUSTIFICATION: This modification redesigns the TF-39 high pressure turbine (HPT). The current HPT does not provide the required thrust capability for hot day take-offs. Existing state-of-the-art technology will reduce engine overhaul costs by fifty percent and permit max thrust take-offs when the temperature is greater than 71 degrees fahrenheit. Reduces cost per flying hour by approximately \$700. This modification consists of 665 kits. No install funds required as mod is installed during engine overhaul.

AIRCRAFT BREAKDOWN: Active -- 432 RES -- 166 ANG -- 67

DEVELOPMENT STATUS: Technology developed under continuous improvement program (CIP) initiative for engines.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			46	13.9	138	43.2	159	51.8	192	63.0		
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC				3.5		0.4						
CHANGE ORDERS												
DATA												0.5
SIM/TRAINER												
SUPPORT-EQUIP												
ICS												
MOD OF SPARES						0.3		0.3	(6)	2.0		
OGC												
INSTALLATION OF HARDWARE												
FY-97 46 KITS												
FY-98 138 KITS												
FY-99 159 KITS												
FY-00 192 KITS												
FY-01 130 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			46	17.4	138	43.9	159	52.1	192	65.4		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

FACT SHEET: C-5 MN-6037 TF39 ENGINE HIGH PRESSURE TURBINE
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	130	42.9							665	214.8
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										3.9
CHANGE ORDERS										0.5
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
ICS										42.4
MOD OF SPARES	(34)	11.5	(85)	28.9						0.6
OGC										
INSTALLATION OF HARDWARE										
FY-97 46 KITS										
FY-98 138 KITS										
FY-99 159 KITS										
FY-00 192 KITS										
FY-01 130 KITS										
TOTAL INSTALL QTY/COST										
TOTAL COST (BP-1100)	130	54.4		28.9					665	262.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: L-BAND SATCOM AND CUTF-C2 COMM UPGRADE MN-6046
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P
MODELS OF AIRCRAFT AFFECTED: C-5A/B CENTER: SA-ALC
PE 0401119F TEAM MOBIL
DESCRIPTION/JUSTIFICATION: Requirement established for direct communication and control (C2) of strategic airlift. A commercially available
Aero-SATCOM system installed on the C-5 will provide the C2 capability.
AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12
DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			126	1.3								
KITS NONRECUR												
EQUIPMENT			(126)	2.4								
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 126 KITS			(126)	0.4								
TOTAL INSTALL QTY/COST			126	0.4								
TOTAL COST (BP-1100)			126	4.3								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 6 MONTHS												
FOLLOW-ON LEAD TIME -- 0 MONTHS												

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FACT SHEET: C-5 MN-6046 L-BAND SATCOM AND CJTF-C2 COMM UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD76E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									126	1.3
KITS NONRECUR										
EQUIPMENT										2.4
EQUIP NONREC										
CHANGE ORDERS										0.2
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-96 126 KITS									(126)	0.4
TOTAL INSTALL QTY/COST									126	0.4
TOTAL COST (BP-1100)									126	4.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										

FY-96 FY-97
CONTRACT-DATE (QTR/FY) 2/96
DELIVERY-DATE (QTR/FY) 3/96

INSTALLATION SCHEDULE:	FY-96	FY-97
QUARTERS	1 2 3 4	1 2 3 4
INPUT	40 58 25 2 1	40 58 25 2 1
OUTPUT	40 58 25 2 1	

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HYDRAULIC SURGE CONTROL -EASY OPEN VALVE MN-6103
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS P

MODELS OF AIRCRAFT AFFECTED: C-5A/B
CENTER: SA-ALC
PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification installs hydraulic selector valves that are designed to open at a slightly lower rate to prevent surges and pressure spikes in the hydraulic system. Modified valves are to replace current ones associated with the selector valve on the landing gear, cargo doors and ramps.
AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
QTY	QTY	QTY	QTY	QTY	QTY
AMT	AMT	AMT	AMT	AMT	AMT

RDTE (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 13 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: C-5 MN-6103 HYDRAULIC SURGE CONTROL -EASY OPEN VALVE (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-96	FY-97
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-------	-------

CONTRACT-DATE (QTR/FY)

DELIVERY-DATE (QTR/FY)

2/97	2/98
------	------

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126

2.3

126

2.3

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DATE	02/14/97	MODIFICATION OF AIRCRAFT FY 1998 PROGRAM		EXHIBIT P3A CONGRESSIONAL
FY 1998 PB				
MODIFICATION TITLE AND NO:	STANDBY ATTITUDE INDICATOR	MN-6150	APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5	CLASS P
MODELS OF AIRCRAFT AFFECTED:	C-5A/B	CENTER: SA-ALC	PE 0401119F	TEAM MOBIL
<p>DESCRIPTION/JUSTIFICATION: HQ AMC identified a requirement for a standby Attitude Indicator (ADI). While the #3 Inertial Navigation System (INS) provides a back-up source for attitude reference, the #3 INS is not a truly independent source for attitude reference. This mod will lead the Air Force by introducing a new digital indicator which will become the new standard. This mod originally funding under 99999A, Low Cost Safety Mod, but broken out separately in Jun 96 due to dollar value.</p>				

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

[illegible]

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONREC
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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(CONTINUED)

FACT SHEET: C-5 MN-6150 STANDBY ATTITUDE INDICATOR
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									126	0.4
KITS NONRECUR										0.1
EQUIPMENT										3.7
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.2
SIM/TRAINER										0.7
SUPPORT-EQUIP										0.1
TOTAL COST (BP-1100)									126	5.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96										
FY-97										
CONTRACT-DATE (QTR/FY)	4/96	1/97								
DELIVERY-DATE (QTR/FY)	4/97	1/98								

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DATE	02/14/97	MODIFICATION OF AIRCRAFT FY 1998 PROGRAM	EXHIBIT P3A CONGRESSIONAL
FY 1998 PB			
MODIFICATION TITLE AND NO:	REPLACE FUEL FLOW TRANSMITTER & INDICATOR	MN-6151	APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE CLC C-5 CLASS P
MODELS OF AIRCRAFT AFFECTED:	C-5A/B/C	CENTER: SA-ALC	PE 0401119F
			TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification replaces fuel flow transmitters and fuel flow indicators. In 1995, the transmitter failed 338 times and the indicator failed 278 times. Repairing these failures and replacing condemned units is costly in terms of dollars, manpower and reduced mission capability. Replacing these units with more reliable, state of the art units will result in reduced aircraft delays and increased aircraft availability. Quantity per aircraft is 4 transmitters and 2 indicators.

AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG ... 12

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

[illegible]

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

FACT SHEET: C-5 MN-6151 REPLACE FUEL FLOW TRANSMITTER & INDICATOR
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

PROCUREMENT (3010)

KITS NONRECUR

EQUIPMENT
EQUIP NONRECCHANGE ORDERS
DATA

SIM/TRAINER

MOD OF SPARES

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

QUESTIONS

CONTRACT-DATE (QTR/FY)
DELIVERY-DATE (QTR/FY)

DELIVERY-DATE (QTR/FY)

[illegible]

66/2
06/17

259

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ANTI-SKID RELIABILITY UPGRADE PROGRAM MN-6152
MODELS OF AIRCRAFT AFFECTED: C-5A/B
CENTER: SA-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P
PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification improves the anti-skid system by replacing the older failure prone and maintenance man-hour intensive system. The new system will increase MTBM by 200% and will reduce mean time to repair by 50%. The mod eliminates the need for and removes the tire deflation system.
AIRCRAFT BREAKDOWN: Active -- 82 RES -- 32 ANG -- 12

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RD&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS										126								
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER										(2)								
SUPPORT-EQUIP																		
TOTAL COST (BP-1100)										126								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: C-5 MN-6152 ANTI-SKID RELIABILITY UPGRADE PROGRAM (CONTINUED)

(CONTINUED)									
PROJECTED FINANCIAL PLAN (CONTINUED)									
FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS						126			8.0
KITS NONRECUR									0.2
EQUIPMENT									
EQUIP NONREC									0.5
CHANGE ORDERS									0.1
DATA									0.2
SIM/TRAINER									
SUPPORT-EQUIP									
TOTAL COST (BP-1100)								126	9.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96		FY-97		FY-98					
-----	-----	-----	-----	-----	-----				
CONTRACT-DATE (QTR/FY)		2/98		2/98					
DELIVERY-DATE (QTR/FY)		2/99		2/99					

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: STATION KEEPING EQUIPMENT MN-96001
MODELS OF AIRCRAFT AFFECTED: C-5
CENTER: SA-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-5 CLASS P
PE 0401119F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The C-5 requires station keeping equipment (SKE) to fly multiple ship formations in instrument meteorological conditions (IMC) on a variety of missions to include airland, airdrop, and air refueling operations. Equipment should be compatible with systems in the C-141 and C-17. As the C-141 retires, the C-5 will fill the brigade airdrop shortfall. The Air Mobility Command will not have sufficient number of SKE equipped aircraft to support brigade airdrop and formation missions due to the C-141 retirement.

AIRCRAFT BREAKDOWN: Active -- 50 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Completed

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
ROT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					8	0.2			1		14	0.4
KITS NONREC												
EQUIPMENT					(8)	5.1			(1)	0.3	(14)	4.3
EQUIP NONREC						3.2				2.8		1.0
CHANGE ORDERS												
DATA						0.3				1.2		7.6
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 8 KITS					(8)	0.3			(1)	0.1	(3)	0.2
FY-99 1 KITS												
FY-00 14 KITS												
FY-01 14 KITS												
FY-02 13 KITS												
TOTAL INSTALL QTY/COST												
					8	0.3			1	0.1	3	0.2
					8	9.1			1	4.4	14	13.5
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 9 MONTHS

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FACT SHEET: C-5 MN-96001 STATION KEEPING EQUIPMENT
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

RDT&E (3600)									
PROCUREMENT (3010)									
	FY-01	FY-02	FY-03	TO COMP	TOTAL				
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALL KITS	14	0.4	13	0.4	50	1.4			
KITS NONRECUR									
EQUIPMENT	(14)	4.3	(13)	4.2		18.2			
EQUIP NONREC						7.0			
CHANGE ORDERS									
DATA						1.3			
SIM/TRAINER						8.8			
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-97	8					(8)	0.3		
FY-99	1					(1)	0.1		
FY-00	14					(14)	0.9		
FY-01	14					(14)	0.9		
FY-02	13					(13)	0.9		
TOTAL INSTALL QTY/COST	16	1.0	16	1.0	50	3.0			
TOTAL COST (BP-1100)	14	5.7	13	6.6	50	39.8			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03		
CONTRACT-DATE (QTR/FY)	4/96	1/97	1/99	1/00	1/01	1/02			
DELIVERY-DATE (QTR/FY)	4/97	3/97	4/99	3/00	3/01	3/02			
INSTALLATION SCHEDULE:									
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT									
OUTPUT									

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						P-1 ITEM NOMENCLATURE: C-9	
	1996	1997	1998	1999	2000	2001	2002
COST (in Mil)	\$3.947	\$9.587	\$16.323	\$10.011	\$1.187	\$11.041	\$1.080
							\$1.883

This line item funds modifications to the C-9 aircraft, commercial equivalent DC-9. The C-9A is a medium-range, twin-engine, jet transport designed to carry patients and medical personnel. The C-9C is used to transport the vice-president, cabinet members, members of Congress and other high ranking U.S. and foreign officials. The overall goal of modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3009	REENGINE			5.2	9.6	0.8	10.1				25.7
	3149T	TRAFFIC ALERT & COLLISION AVOID		3.3	5.1							8.4
	3150	NAVSTAR GLOBAL POSITIONING SYS	2.6	5.0	2.5	0.3						22.0
	99999S	SERVICE BULLETINS	0.9	0.4	2.2	0.1	0.3	0.9	1.1	1.8		19.1
	99999X	LOW COST MODIFICATIONS	0.4	0.9	1.3	0.1	0.1	0.1		0.1		2.9
		CLASS P TOTAL FOR C-9	3.9	9.6	16.3	10.0	1.2	11.0	1.1	1.9		
		TOTAL FOR C-9	3.9	9.6	16.3	10.0	1.2	11.0	1.1	1.9		

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 034	PAGE NO.	264
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: REENGINE MN-3009
MODELS OF AIRCRAFT AFFECTED: C-9 ENGINES
DESCRIPTION/JUSTIFICATION: This modification procures needed engine requirements to comply with FAA mandated noise reduction policy. Engine hush kits are the only feasible answer to C-9 noise reduction at this time. A decision has been made to install engine hush kits and upgrade engine performance on three C-9C aircraft and one C-9A aircraft. Additionally, three spare engines require modification. When these kits are installed, these aircraft/engines will comply with ICAO and FAA stage III noise reduction requirements.

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-9 CLASS P
CENTER: OC-ALC
PE 0401314F TEAM MOBIL

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							3	0.1	4	0.1		
KITS NONRECUR												
EQUIPMENT							(3)	5.0	(4)	9.5		0.8
EQUIP NONREC												
CHANGE ORDERS												
DATA								0.1				
SIM/TRAINER												
SUPPORT-EQUIP												

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 3 MONTHS

FOLLOW-ON LEAD TIME -- 3 MONTHS

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FACT SHEET: C-9 MN-3009 REENGINE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

		FY-01		FY-02		FY-03		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS		4	0.1							11	0.3
KITS NONRECUR											
EQUIPMENT		(4)	10.0								25.3
EQUIP NONREC											0.0
CHANGE ORDERS											0.1
DATA											
SIM/TRAINER											0.0
SUPPORT-EQUIP											
TOTAL COST (BP-1100)		4	10.1							11	25.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
		FY-96	FY-97	FY-98	FY-99	FY-00	FY-01				
CONTRACT-DATE (QTR/FY)				1/98	1/99		1/01				
DELIVERY-DATE (QTR/FY)				2/98	2/99		2/01				

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T
MODELS OF AIRCRAFT AFFECTED: C-9, DV AIRCRAFT
DESCRIPTION/JUSTIFICATION: The TCAS modification will install two directional antennas, top and bottom, in the forward area of the aircraft, and a processor in the avionics bay. The current IFF transponder will be replaced by a dual-mode transponder including the Mode S capability required for TCAS II operation. The processor will generate traffic alerts and resolution advisories that will be displayed on Integrated Vertical Speed Indicators (IVSIs) on the pilot and copilot flight instruments panel. The system will require a minor software mod the FMS to interface to the dual-mode transponder.

EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS C-9
PE 0401314F TEAM MOBIL
CENTER: OC-ALC

AIRCRAFT BREAKDOWN: Active -- 23 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-97 11 KITS							(11)	1.3										
FY-98 12 KITS									(12)	1.2								
TOTAL INSTALL QTY/COST																		
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY																		
INITIAL LEAD TIME -- 3 MONTHS																		
FOLLOW-ON LEAD TIME -- 3 MONTHS																		

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*** UNCLASSIFIED ***

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FACT SHEET: C-9 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDY&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									21	2.0
KITS NONRECUR									2	0.2
EQUIPMENT										2.0
EQUIP NONREC										0.2
CHANGE ORDERS										
DATA										1.4
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-97 11 KITS									(11)	1.3
FY-98 12 KITS									(12)	1.3
TOTAL INSTALL QTY/COST									23	2.6
TOTAL COST (BP-1100)									23	8.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98							
CONTRACT-DATE (QTR/FY)		1/97	1/98							
DELIVERY-DATE (QTR/FY)		2/97	2/98							
INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98							
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4							
INPUT	3	3	4	4	4	4	4	4		
OUTPUT			3	4	4	4	4	4		

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: C-9
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-9 CLASS P
PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Global Positioning System (GPS) will incorporate two Rockwell Collins FMS-800 into the cockpit of the C-9 aircraft. The mod has provisions to install a single Litton LTN-92 into 19 C-9A. The 4 remaining aircraft are equipped with two LTN-92. Imbedded into the FMS-800 is the GPS, INU, TACAN, IFF, and DES controls, this will alleviate the crowded cockpit space.

AIRCRAFT BREAKDOWN: Active -- 23 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	7	2.1	6	1.3	7	1.7						
KITS NONRECUR	3	3.3										
EQUIPMENT	(7)	1.9	(6)	1.0	(7)	1.0						
EQUIP NONREC	(3)	2.6										
CHANGE ORDERS												
DATA		1.4										
SIM/TRAINER												
SUPPORT-EQUIP		0.3		0.3				0.8		0.3		
INSTALLATION OF HARDWARE												
FY-94 5 KITS					(5)	1.1						
FY-95 5 KITS					(5)	1.1						
FY-96 6 KITS					(1)	0.2	(5)	0.8				
FY-97 7 KITS							(7)	0.9				
TOTAL INSTALL QTY/COST					11	2.3	12	1.7				
TOTAL COST (BP-1100)	10	11.6	6	2.6	7	5.0		2.5		0.3		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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*** UNCLASSIFIED ***

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FACT SHEET: C-9 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									20	5.1
KITS NONRECUR									3	3.3
EQUIPMENT										3.9
EQUIP NONREC										2.6
CHANGE ORDERS										1.4
DATA										1.7
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-94 5 KITS									(5)	1.1
FY-95 5 KITS									(5)	1.1
FY-96 6 KITS									(6)	1.0
FY-97 7 KITS									(7)	0.9
TOTAL INSTALL QTY/COST									23	4.0
TOTAL COST (BP-1100)									23	22.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-94 FY-95 FY-96 FY-97 FY-98										
CONTRACT-DATE (QTR/FY)	4/94	2/95	2/96	2/97						
DELIVERY-DATE (QTR/FY)	4/95	2/96	2/97	2/98						
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									3	3
OUTPUT									3	3

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						P-1 ITEM NOMENCLATURE: C-17A	
COST (in Mil)	1996	1997	1998	1999	2000	2001	2002
	\$20.817	\$41.934	\$59.053	\$42.936	\$73.024	\$232.577	\$295.167
							\$318.265

This line item funds modifications to the C-17 aircraft. The four engine C-17 is the only aircraft capable of routine delivery of outside cargo (tanks, helicopters, etc.) to short, austere airfields. The aircraft can carry up to 102 troops, 48 litter patients, or 18 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to improve reliability and maintainability. The specific modifications budgeted and programmed are below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	99999A		LOW COST SAFETY MODIFICATIONS			1.9	0.2	1.9	1.9	1.9	1.9		9.7
			CLASS P-S TOTAL FOR C-17			1.9	0.2	1.9	1.9	1.9	1.9		
6002			STATION KEEPING EQUIPMENT(SKE)		7.5	4.4							11.9
6005			TROOP DOOR AFT FAIRING		0.1	2.0	0.8						2.8
6006			SIDEWALL OXYGEN BOX RELOCATION		1.4	13.9	2.7						18.1
6007			NIGHT LIGHT LOADMASTER STATION			0.2	0.8						1.0
6008			AEROMED LITTER STANCHION REDES		0.1	5.7	2.0						7.8
6009			GROUND PROXIMITY WARNING SYSTE		0.1								0.1
6010			TRANSPONDER TEST UNIT (TTU) DE		0.1								0.1
6012A			ACCELERATED AIRLIFT DEFENSIVE	19.0	2.7								36.9
6014			COMFORT PALLET ELECTRICAL PROV	1.0									1.6
6015			CONTAINER DELIVERY SYSTEM ENHA		0.3	9.8	0.6						10.6
6017			UPGRADE TO 75/90 KVA GENERATOR	0.4									10.3
6025			AUTO COMM PROCESSOR (ACP)				1.0	1.4					2.4
6026			400 POUND PARATROOPER SEAT		0.4	3.0	1.8	0.8	0.6	0.6	5.6	1.1	13.8
6042			SURE-COMM		2.5		0.3						2.8
6049			LIFE RAFT CONTAINER/SURVIVAL K		0.4								0.4
6053			MISSION COMPUTER		12.6	0.2	8.7						21.5
6153			PRECISION LANDING SYSTEM RECEI		18.1	1.7							19.8
6200			AIRCRAFT LIFETIME EXTENSION UP				14.4	10.7	7.0	0.9			18.6
6201			GPS INTEGRITY MONITORING CAPAB			0.4		10.5					25.3
6202			OPERATIONAL FLEXIBILITY UPGRAD					0.6	36.4	34.6	47.6	61.1	180.3
6203			AIRDROP CAPABILITY ENHANCEMENT					0.2	11.6	7.5	0.9		20.2
6204			CARGO COMPARTMENT UPGRADES					0.8	42.5	37.7	11.4	1.7	94.1
6205			MAINTAINABILITY IMPROVEMENTS							1.5	90.6	154.9	247.0
6206			AVIONICS BLOCK UPGRADE					25.7	75.8	74.8	48.6	81.1	306.0
6207			COCKPIT UTILIZATION UPGRADES					2.3	10.9	8.5	1.8		23.5
6208			CARGO COMPARTMENT SYSTEM IMPRO					2.6	16.8	102.4	76.3	15.6	213.7

Totals may not add due to rounding.

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)												DATE	
P-1 ITEM NOMENCLATURE: C-17A												FEBRUARY 1997	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS													
		1996	1997	1998	1999	2000	2001	2002	2003				
COST (in Mil)		\$20.817	\$41.934	\$59.053	\$42.936	\$73.024	\$232.577	\$295.167	\$318.265				
CLASS	MOD NR	MODIFICATION TITLE										TOTAL	
P	9702	8.33 KHZ VEH RADIO										15.4	
	9703	DUAL ROW AIRDROP CAPABILITY										5.8	
	9704	SILVER BULLET										5.9	
	9705	ELECTRONIC FLIGHT CONTROL SYST										13.7	
	9706	SOFTWARE BLOCK UPDATE										37.0	
	9707	RM&A MODS										4.6	
	9708	OPEN ARCHITECTURE										73.3	
99999X		LOW COST MODIFICATIONS										1.5	
Z88888		REPROGRAMMINGS										-9.9	
CLASS P		20.8	41.9	57.1	42.7	71.1	230.7	293.3	316.4	337.0			
TOTAL FOR C-17		20.8	41.9	59.1	42.9	73.0	232.6	295.2	318.3	337.0			

Totals may not add due to rounding.

P-1 SHOPP LIST
ITEM NO. 035

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: STATION KEEPING EQUIPMENT(SKE)-2000 MN-6002
MODELS OF AIRCRAFT AFFECTED: CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Station Keeping Equipment (SKE)-2000 uses advanced technology, weighs 64 lbs. less than the system being replaced, and achieves substantial life cycle cost savings. The SKE system provides positioning information and is used in conjunction with other SKE to permit each formation aircraft to stay in a preassigned position relative to lead aircraft.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					32	7.5						
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 32 KITS					(32)	4.4						
TOTAL INSTALL QTY/COST					32	4.4						
TOTAL COST (BP-1100)					32	7.5						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 8 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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*** UNCLASSIFIED ***

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FACT SHEET: C-17 MN-6002 STATION KEEPING EQUIPMENT (SKE)-2000 (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDt&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

FY-97 32 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-96	FY-97	FY-98
-------	-------	-------

CONTRACT-DATE (QTR/FY) 2/97
DELIVERY-DATE (QTR/FY) 4/97

INSTALLATION SCHEDULE: FY-96 FY-97 FY-98

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT												
OUTPUT												

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: TROOP DOOR AFT FAIRING MN-6005
MODELS OF AIRCRAFT AFFECTED: CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Provide improved troop exit path and reduce lifecycle cost by deactivating fairing actuators/

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E Required.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RD&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-97 1 KITS																		
FY-98 39 KITS																		
TOTAL INSTALL QTY/COST																		
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM																		
INITIAL LEAD TIME -- 18 MONTHS																		
FOLLOW-ON LEAD TIME -- 9 MONTHS																		

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: C-17 MN-6005 TROOP DOOR AFT FAIRING (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD14E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									40	2.0
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-97 1 KITS									(1)	0.0
FY-98 39 KITS									(39)	0.8
TOTAL INSTALL QTY/COST									40	0.8
TOTAL COST (BP-1100)									40	2.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99	FY-00					
CONTRACT-DATE (QTR/FY)		2/97	2/98							
DELIVERY-DATE (QTR/FY)		4/98	1/99							
INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98	FY-99	FY-00					
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SIDEWALL OXYGEN BOX RELOCATION MN-6006
MODELS OF AIRCRAFT AFFECTED: C-17
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
CENTER: ASC
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Relocate sidewall oxygen box to a reachable level, improving access to passenger oxygen masks when deployed. Mod will also reduce liner removal time. This mod now incorporates O2 Straps (MN-6001) based on the retrofit contractor proposal.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
---	-----	---	-----	---	-----	---	-----	---	-----	---	-----

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

FY-97 3 KITS
FY-98 29 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 4 MONTHS

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: C-17 MN-6006 SIDEWALL OXYGEN BOX RELOCATION (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONREC									32	15.1
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-97 3 KITS									(3)	0.3
FY-98 29 KITS									(29)	2.7
TOTAL INSTALL QTY/COST									32	3.0
TOTAL COST (BP-1100)									32	18.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96	FY-97	FY-98	FY-99							
	2/97	2/98								
CONTRACT-DATE (QTR/FY)	4/97	4/98								
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98	FY-99						
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					1	2			9	10
OUTPUT					1	2			9	10

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AEROMED LITTER STANCHION REDESIGN MN-6008
MODELS OF AIRCRAFT AFFECTED:
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This enhancement project will increase the C-17 Aeromedical litter stanchion height and revise related support structure to accommodate a 21" vertical separation between litter patients in a four tier configuration.
AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete by Jul 96.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS							(1)	0.1			(39)	2.0
FY-98 39 KITS												
TOTAL INSTALL QTY/COST							1	0.1			39	2.0
TOTAL COST (BP-1100)							1	0.1				2.0

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

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FACT SHEET: C-17 MN-6008 AEROMED LITTER STANCHION REDESIGN (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDt&E (3600)

PROCUREMENT (3010)

INSTALL KITS									
KITS NONRECUR								40	5.8
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-97 1 KITS

FY-98 39 KITS

TOTAL INSTALL QTY/COST

(1) 0.1

(39) 2.0

40 2.0

40 7.8

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-96 FY-97 FY-98 FY-99 FY-00

2/97 2/98

4/98 1/99

CONTRACT-DATE (QTR/FY)

DELIVERY-DATE (QTR/FY)

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4

INPUT 1 9 10 10 10

OUTPUT 1 9 10 10 10

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ACCELERATED AIRLIFT DEFENSIVE SYSTEM MN-6012A
MODELS OF AIRCRAFT AFFECTED: C-17A
DESCRIPTION/JUSTIFICATION: Accelerated enhancement to the C-17 operational capability to operate in a low/medium threat environment. Equips the C-17 with a Missile Warning Receiver (MWR) and Counter Measure Dispenser System (CMDS).
AIRCRAFT BREAKDOWN: Active -- 30 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: Complete.
PROJECTED FINANCIAL PLAN
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
EXHIBIT F3A CONGRESSIONAL
CENTER: ASC
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Accelerated enhancement to the C-17 operational capability to operate in a low/medium threat environment. Equips the C-17 with a Missile Warning Receiver (MWR) and Counter Measure Dispenser System (CMDS).
AIRCRAFT BREAKDOWN: Active -- 30 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	10	3.5	20	5.2								
KITS NONRECUR												
EQUIPMENT	(10)	2.1	(20)	3.6								
EQUIP NONREC												
CHANGE ORDERS												
DATA		3.4		0.2		0.2						
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-94 6 KITS	(6)	3.9										
FY-95 4 KITS	(4)	2.4										
FY-96 20 KITS	(16)	10.0	(4)	2.5								
TOTAL INSTALL QTY/COST	10	6.3	16	10.0	4	2.5						
TOTAL COST (BP-1100)	10	15.3	20	19.0		2.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TERM												
INITIAL LEAD TIME -- 6 MONTHS												
FOLLOW-ON LEAD TIME -- 3 MONTHS												

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FACT SHEET: C-17 MH-6012A ACCELERATED AIRLIFT DEFENSIVE SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									30	8.7
KITS NONREC										
EQUIPMENT										5.7
EQUIP NONREC										
CHANGE ORDERS										
DATA										3.8
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-94 6 KITS									(6)	3.9
FY-95 4 KITS									(4)	2.4
FY-96 20 KITS									(20)	12.5
TOTAL INSTALL QTY/COST									30	18.7
TOTAL COST (BP-1100)									30	36.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-94	FY-95	FY-96	FY-97						
CONTRACT-DATE (QTR/FY)	2/94	3/95	2/96							
DELIVERY-DATE (QTR/FY)	4/94	4/95	2/96							
INSTALLATION SCHEDULE:	FY-94	FY-95	FY-96	FY-97						
QUARTERS	1 2 3 4 1 2 3 4 1 2 3 4									
INPUT	6	6	4	4	6	6	4	2	2	
OUTPUT	6	6	4	4	6	6	4	2	2	

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: CONTAINER DELIVERY SYSTEM ENHANCEMENT MN-6015
MODELS OF AIRCRAFT AFFECTED: C-17
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Increases container delivery from 30 to 40 containers per aircraft.

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E {3600}												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS												
FY-98 39 KITS												
TOTAL INSTALL QTY/COST									(39)	0.6		
TOTAL COST (BP-1100)									39	0.6		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										0.6		

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-17 MN-6015 CONTAINER DELIVERY SYSTEM ENHANCEMENT (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)									
(CONTINUED)									
RDTE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONREC									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-97 1 KITS									
FY-98 39 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96 FY-97 FY-98 FY-99									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
INSTALLATION SCHEDULE: FY-96 FY-97 FY-98 FY-99									
QUARTERS									
INPUT									
OUTPUT									

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: UPGRADE TO 75/90 KVA GENERATOR MN-6017
MODELS OF AIRCRAFT AFFECTED: C-17
CENTER: ASC
PE 0401130F TEAM MOBIL
EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
DESCRIPTION/JUSTIFICATION: Upgrade to larger generators will assure sufficient aircraft electrical capacity for future growth. Installation costs (shown below) are based on contractor proposal, and includes recurring, non-recurring, and contractor field team install. These costs were not separately priced in the proposal. Installation on aircraft P1 & P2 (to be completed in FY96) is the only remaining effort.

AIRCRAFT BREAKDOWN: Active -- 9 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC	9	8.4										
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
MOD OF SPARES												
INSTALLATION OF HARDWARE		0.6										
FY-95 9 KITS (7)		0.9	(2)	0.4								
TOTAL INSTALL QTY/COST	7	0.9	2	0.4								
TOTAL COST (BP-1100)	9	9.9		0.4								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 1 MONTHS

FOLLOW-ON LEAD TIME -- 1 MONTHS

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FACT SHEET: C-17 MN-6017 UPGRADE TO 75/90 KVA GENERATOR (CONTINUED)

(CONTINUED)									
RDTEE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
MOD OF SPARES									
INSTALLATION OF HARDWARE									
FY-95 9 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-95 FY-96									
CONTRACT-DATE (QTR/FY) 2/95									
DELIVERY-DATE (QTR/FY) 2/95									
INSTALLATION SCHEDULE:									
FY-95 FY-96									
QUARTERS									
INPUT									
OUTPUT									

RDTEE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
MOD OF SPARES									
INSTALLATION OF HARDWARE									
FY-95 9 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-95 FY-96									
CONTRACT-DATE (QTR/FY) 2/95									
DELIVERY-DATE (QTR/FY) 2/95									
INSTALLATION SCHEDULE:									
FY-95 FY-96									
QUARTERS									
INPUT									
OUTPUT									

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: 400 POUND PARATROOPER SEAT MN-6026
MODELS OF AIRCRAFT AFFECTED: C-17
CENTER: ASC
EXHIBIT F3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
DESCRIPTION/JUSTIFICATION: Procures and installs one set (102 fabric-type) paratrooper seats on each aircraft. These seats support user (Army) requirements, provide safety and support to the occupant and meet the revised C-17 troop seat specifications. Supplier capacity (total of 16 shipsets for production and retrofit) dictates schedule.
AIRCRAFT BREAKDOWN: Active -- 26 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: RDT&E complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS												
FY-98 7 KITS									(1)	0.1		
FY-99 3 KITS									(4)	0.2	(3)	0.2
FY-00 1 KITS											(3)	0.2
FY-01 1 KITS												
FY-02 1 KITS												
FY-03 11 KITS												
FY-04 1 KITS												

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-17 MN-6026 400 POUND PARATROOPER SEAT
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

RD&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
1	0.5	1	0.5	11	5.5	1	0.5	26	12.5
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-97	1	KITS					(1)	0.1	
FY-98	7	KITS					(7)	0.4	
FY-99	3	KITS					(3)	0.2	
FY-00	1	KITS					(1)	0.1	
FY-01	1	KITS					(1)	0.1	
FY-02	1	KITS					(1)	0.1	
FY-03	11	KITS					(11)	0.6	
FY-04	1	KITS					(1)	0.1	
TOTAL INSTALL QTY/COST									
1	0.1	1	0.1	1	0.1	12	0.6	26	1.3
TOTAL COST (BP-1100)									
1	0.6	1	0.6	11	5.6	1	1.1	26	13.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
2/97	2/98	2/99	2/00	2/01	2/02	2/03	2/04	2/05	2/06
1/98	1/99	1/00	1/01	1/02	1/03	1/04	1/05	1/06	1/07
INSTALLATION SCHEDULE:									
FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
1	2	3	4	1	2	3	4	1	2
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT	1	1	1	1	1	1	1	1	1
OUTPUT	1	1	1	1	1	1	1	1	1
INSTALLATION SCHEDULE:									
FY-01	FY-02	FY-03	FY-04	FY-05	FY-06	FY-07	FY-08	FY-09	FY-10
1	2	3	4	1	2	3	4	1	2
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT	1	1	1	1	1	1	1	1	1
OUTPUT	1	1	1	1	1	1	1	1	1

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SURE-COMM MN-6042
MODELS OF AIRCRAFT AFFECTED:
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL
DESCRIPTION/JUSTIFICATION: This modification replaces the present C-17 wireless Communication Control System with a commercial Sure-Comm
Wireless Communication System with appropriate additional hardware to interface with the C-17.
AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN				FY-96				FY-97				FY-98				FY-99				FY-00			
PRIOR				QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)																							
PROCUREMENT (3010)																							
INSTALL KITS																							
KITS NONRECUR																							
EQUIPMENT																							
EQUIP NONREC																							
CHANGE ORDERS																							
DATA																							
SIM/TRAINER																							
SUPPORT-EQUIP																							
INSTALLATION OF HARDWARE																							
FY-97 40 KITS																							
TOTAL INSTALL QTY/COST																							
TOTAL COST (BP-1100)																							
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																							
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM																							
INITIAL LEAD TIME -- 18 MONTHS																							
FOLLOW-ON LEAD TIME -- 18 MONTHS																							

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FACT SHEET: C-17 MN-6042 SURE-COMM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDt&E (3600)

PROCUREMENT (3010)

INSTALL KITS										
KITS NONRECUR										
EQUIPMENT									40	2.5
EQUIP NONREC										
CHANGE ORDERS										
DATA										

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-97	40	KITS							(40)	0.3
TOTAL INSTALL QTY/COST									40	0.3
TOTAL COST (BP-1100)									40	2.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96	FY-97	FY-98	FY-99	FY-00
--	-------	-------	-------	-------	-------

CONTRACT-DATE (QTR/FY)

2/97	2/98	2/99		
------	------	------	--	--

4/98	4/99			
------	------	--	--	--

DELIVERY-DATE (QTR/FY)

1	2	3	4	1	2	3	4	1	2	3	4
---	---	---	---	---	---	---	---	---	---	---	---

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
----------	---	---	---	---	---	---	---	---	---	---	---	---

INPUT												
-------	--	--	--	--	--	--	--	--	--	--	--	--

OUTPUT												
--------	--	--	--	--	--	--	--	--	--	--	--	--

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: MISSION COMPUTER MN-6053
MODELS OF AIRCRAFT AFFECTED: CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The mission computer upgrade is a producibility enhancement which corrects operational deficiencies in the current design and provides a long term solution for future growth requirements.
AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONREC												
EQUIPMENT					40	12.6						
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 40 KITS							(1)	0.2	(39)	8.7		
TOTAL INSTALL QTY/COST							1	0.2	39	8.7		
TOTAL COST (BP-1100)					40	12.6		0.2		8.7		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM
INITIAL LEAD TIME -- 20 MONTHS
FOLLOW-ON LEAD TIME -- 20 MONTHS

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FACT SHEET: C-17 MN-6053 MISSION COMPUTER (CONTINUED)

RDTE&E (3600)													
PROCUREMENT (3010)													
INSTALL KITS													
KITS NONRECUR													
EQUIPMENT													
EQUIP NONREC													
CHANGE ORDERS													
DATA													
SIM/TRAINER													
SUPPORT-EQUIP													
INSTALLATION OF HARDWARE													
FY-97 40 KITS													
TOTAL INSTALL QTY/COST													
TOTAL COST (BP-1100)													
(TOTALS MAY NOT ADD DUE TO ROUNDING.)													
MILESTONES													
CONTRACT-DATE (QTR/FY)													
DELIVERY-DATE (QTR/FY)													
INSTALLATION SCHEDULE:													
QUARTERS													
INPUT													
OUTPUT													
FY-96 FY-97 FY-98 FY-99 FY-00													
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4													

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: PRECISION LANDING SYSTEM RECEIVER (PLSR) MN-6153
MODELS OF AIRCRAFT AFFECTED: C-17
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Provides the capability to fly precision approaches to austere fields during contingency operations.

DEVELOPMENT STATUS: R&D complete 3/97. Integrates existing hardware into C-17 avionics suite.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					39	8.4						
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 39 KITS					(34)	9.7 (5)		1.7				
TOTAL INSTALL QTY/COST					34	9.7 5		1.7				
TOTAL COST (BP-1100)					39	18.1		1.7				

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TERM

INITIAL LEAD TIME -- 4 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: C-17 MN-6153 PRECISION LANDING SYSTEM RECEIVER (PLSR) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									39	8.4
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-97 39 KITS							(39)			11.4
TOTAL INSTALL QTY/COST									39	11.4
TOTAL COST (BP-1100)									39	19.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98							
CONTRACT-DATE (QTR/FY)		2/97								
DELIVERY-DATE (QTR/FY)		3/97								
INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98							
QUARTERS	1 2 3 4 1 2 3 4									
INPUT										
OUTPUT										

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DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

MODIFICATION TITLE AND NO: GPS INTEGRITY MONITORING CAPABILITY IMPROVEMENTS MN-6201

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P

MODELS OF AIRCRAFT AFFECTED:

CENTER: ASC

PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification increases the C-17's capability by incorporating GPS in the IRU, adding receiver autonomous integrity monitoring, and adding fault detection and exclusion equipment.

AIRCRAFT BREAKDOWN: Active -- 48 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete FY97/4.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt4E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 1 KITS									(1)	0.1	(32)	2.6
FY-99 32 KITS											(15)	1.2
FY-00 15 KITS												
TOTAL INSTALL QTY/COST									1	0.1	47	3.8
TOTAL COST (BP-1100)									1	0.4	15	10.5

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

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FACT SHEET: C-17 MN-6201 GPS INTEGRITY MONITORING CAPABILITY IMPROVEMENTS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01			FY-02			FY-03			TO COMP			TOTAL		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RD&E (3600)															
PROCUREMENT (3010)															
INSTALL KITS															
KITS NONRECUR													48	21.4	
EQUIPMENT															
EQUIP NONREC															
CHANGE ORDERS															
DATA															
SIM/TRAINER															
SUPPORT-EQUIP															
INSTALLATION OF HARDWARE															
FY-98 1 KITS													(1)	0.1	
FY-99 32 KITS													(32)	2.6	
FY-00 15 KITS													(15)	1.2	
TOTAL INSTALL QTY/COST													48	3.9	
TOTAL COST (BP-1100)													48	25.3	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)															
MILESTONES															
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01															
CONTRACT-DATE (QTR/FY)															
DELIVERY-DATE (QTR/FY)															
INSTALLATION SCHEDULE:															
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
INPUT													1	11	12
OUTPUT													1	11	12
INSTALLATION SCHEDULE:															
QUARTERS	1	2	3	4											
INPUT															
OUTPUT															

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: 8.33 KHZ VHF RADIO MN-9702
MODELS OF AIRCRAFT AFFECTED: C-17
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The purpose of the modification is to relieve the VHF spectrum congestion in Europe. To accomplish this, all VHF radios will be modified for channel spacing of 8.33 KHz. Effective 1 JAN 99, all aircraft operating in airspace for which the 8.33 KHz channel spacing has been mandated, must have the modified VHF radios. The A/B SINGARS mod (MN-3429) has been incorporated into this mod.

AIRCRAFT BREAKDOWN: Active -- 43 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development will be complete 2/98.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 22 KITS												
FY-98 21 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 4 MONTHS

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FACT SHEET: C-17 MN-9702 8.33 KHZ VEH RADIO (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDTE (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-97 22 KITS
FY-98 21 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	2/97	1/98	
DELIVERY-DATE (QTR/FY)	2/98	2/98	

INSTALLATION SCHEDULE:

	FY-96				FY-97				FY-98			
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									1	21	21	
OUTPUT									1	21	21	

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: DUAL ROW AIRDROP CAPABILITY MN-9703
MODELS OF AIRCRAFT AFFECTED: C-17
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
CENTER: ASC
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Increases the airdrop capability by allowing cargo to be dropped from two rows sequentially.

AIRCRAFT BREAKDOWN: Active -- 48 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development will be complete 1st Qtr FY98

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT	QTY	QTY	AMT	QTY	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	QTY	AMT	AMT
RT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-98 1 KITS																(28)	1.1	
FY-99 28 KITS																(19)	0.8	
FY-00 19 KITS																		
TOTAL INSTALL QTY/COST																47	1.9	
TOTAL COST (BP-1100)																19	3.4	

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION --

INITIAL LEAD TIME -- 11 MONTHS

FOLLOW-ON LEAD TIME -- 8 MONTHS

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FACT SHEET: C-17 MN-9703 DUAL ROW AIRDROP CAPABILITY
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									48	3.8
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-98 1 KITS									(1)	0.0
FY-99 28 KITS									(28)	1.1
FY-00 19 KITS									(19)	0.8
TOTAL INSTALL QTY/COST									48	1.9
TOTAL COST (BP-1100)									48	5.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98 FY-99 FY-00										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									12	12
OUTPUT									12	12

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SILVER BULLET MN-9704
MODELS OF AIRCRAFT AFFECTED: C-17
CENTER: ASC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modifies aircraft to accommodate the SILVER BULLET communications suite.

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development is scheduled to be complete 1/98.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT	QTY	QTY	AMT	QTY	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-98 4 KITS																		
TOTAL INSTALL QTY/COST																		
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		

METHOD OF IMPLEMENTATION: INSTALLATION --

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: C-17 MN-9704 SILVER BULLET (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									4	3.9
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-98 4 KITS							(4)			2.0
TOTAL INSTALL QTY/COST									4	2.0
TOTAL COST (BP-1100)									4	5.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT										
OUTPUT										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ELECTRONIC FLIGHT CONTROL SYSTEM (EPCS) MN-9705
MODELS OF AIRCRAFT AFFECTED: C-17
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This mod will provide for greater memory and throughput to allow for future system expansion.

AIRCRAFT BREAKDOWN: Active -- 48 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development scheduled to complete 1/99.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD4E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
MOD OF SPARES												
MOD OF SPARES												
FY86/87 QTY												
INSTALLATION OF HARDWARE												
FY-99 1 KITS												
FY-00 35 KITS												
FY-01 12 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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FACT SHEET: C-17 MN-9705 ELECTRONIC FLIGHT CONTROL SYSTEM (EPCS) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS.										
KITS NONRECUR										
EQUIPMENT	12	2.1							48	8.2
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
MOD OF SPARES	(75)	2.3								4.5
MOD OF SPARES	(150)	0.2								0.2
FY86/87 QTY										
INSTALLATION OF HARDWARE										
FY-99 1 KITS									(1)	0.0
FY-00 35 KITS	(35)	0.6							(35)	0.6
FY-01 12 KITS	(12)	0.2							(12)	0.2
TOTAL INSTALL QTY/COST	47	0.8							48	0.9
TOTAL COST (BP-1100)	12	5.3							48	13.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SOFTWARE BLOCK UPDATE MN-9706
MODELS OF AIRCRAFT AFFECTED: C-17
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-17 CLASS P
PE 0401130F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Integrate multiple software upgrades/changes into a single annual software block upgrade.

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 AMG -- 0

DEVELOPMENT STATUS: Currently refining scope of development effort. Expect contract award 2/98 with development complete 1/99.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
SOFTWARE												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- MONTHS												
FOLLOW-ON LEAD TIME -- MONTHS												

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FACT SHEET: C-17 MN-9706 SOFTWARE BLOCK UPDATE (CONTINUED)

(CONTINUED)									
PROJECTED FINANCIAL PLAN (CONTINUED)									
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
SOFTWARE									
(57)	4.1	(70)	4.7	(85)	5.2	(215)	12.0		37.0
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96	FY-97	FY-98	FY-99						
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
			1/99						
			2/99						

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						P-1 ITEM NOMENCLATURE: C-21	
COST (In Mil)	1996	1997	1998	1999	2000	2001	2002
	\$6.118	\$4.764	\$6.911	\$8.952	\$2.233	\$0.117	\$2.758
							\$2.690

This line item funds modifications to the C-21 aircraft, commercial equivalent Lear Jet 35. The C-21 aircraft is a twin-turboprop engine aircraft used for cargo and passenger airlift over medium ranges (2,000 miles). The major modifications budgeted in FY98 is the Traffic Alert & Collision Avoidance System (TCAS). The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149T	TRAFFIC ALERT & COLLISION AVOID		1.4	4.9	8.9	2.1					17.3
	3150	NAVSTAR GLOBAL POSITIONING SYS	9.7	3.2								13.6
	9701	MAGNASTAR C-2000 DIGITAL FLIGH			2.0							2.0
	9999S	SERVICE BULLETINS	0.2	0.1		0.1	0.1	0.1	2.8	2.7		7.8
	288888	REPROGRAMMINGS	-3.8									-4.7
		CLASS P TOTAL FOR C-21	6.1	4.8	6.9	9.0	2.2	0.1	2.8	2.7		
		TOTAL FOR C-21	6.1	4.8	6.9	9.0	2.2	0.1	2.8	2.7		

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 036		PAGE NO.	507
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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T
MODELS OF AIRCRAFT AFFECTED: C-21A
CENTER: OC-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT E3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-21 CLASS P
PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Procures integration and installation of commercial off the shelf (COTS)/FAA approved Traffic Alert and Collision Avoidance System (TCAS II) to comply with the congressional FY 2000 mandate and Air Force Navigation/Safety equipment master baseline. This system provides a visual display and aural warning of hazardous aircraft traffic and the corrective maneuvers required whenever the hazard aircraft are equipped with a mode S transponder (required for instrument flight). The modification installs an avionics processor, two directional antennas, mode S transponder and displays.

AIRCRAFT BREAKDOWN: Active -- 76 RES -- 0 ANG -- 2

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					2	1.0	25	1.4	41	2.5	10	0.6
EQUIPMENT							(25)	2.7	(41)	5.1	(10)	1.2
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 2 KITS												
FY-98 25 KITS												
FY-99 41 KITS												
FY-00 10 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 6 MONTHS												

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*** UNCLASSIFIED ***

FACT SHEET: C-21 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									76	4.5
KITS NONRECUR									2	1.0
EQUIPMENT										9.1
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.4
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-97 2 KITS									(1)	
FY-98 25 KITS									(26)	0.8
FY-99 41 KITS									(41)	1.2
FY-00 10 KITS									(10)	0.3
TOTAL INSTALL QTY/COST									78	2.3
									78	17.3

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (OPR/FY)	2/97	1/98	1/99	1/00	
DELIVERY-DATE (OPR/FY)	2/98	3/98	3/99	3/00	
INSTALLATION SCHEDULE:					
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT					
OUTPUT					

DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

MODELS OF AIRCRAFT AFFECTED: C-21A

CENTER: OC-ALC

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-21 CLASS P

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Procures installation of military navigation equipment to comply with congressional FY 2000 mandate and Air Force navigation/safety equipment master baseline. Equipment will replace the current flight management system, which includes a navigation computer unit and adds 2 ea. (P-Y) coded global positioning receivers and a data transfer unit. This system is compatible with current FMS modes and complies with FAA requirements for GPS enroute navigation, terminal and non precision approach capabilities.

AIRCRAFT BREAKDOWN: Active -- 76 RES -- 0 ANG -- 2

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS		75	6.3	1	0.1
--------------	--	----	-----	---	-----

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-95	2	KITS	(2)	0.1	(75)	3.1
-------	---	------	------	-----	-------	-----

FY-96 75 KITS

FY-97 1 KITS

TOTAL INSTALL QTY/COST

2	0.1	76	3.1	3.2
---	-----	----	-----	-----

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

EACT SHEET: C-21 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									76	6.4
KITS NONRECUR									2	0.6
EQUIPMENT										3.2
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.2
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-95 2 KITS									(2)	0.1
FY-96 75 KITS									(75)	3.1
FY-97 1 KITS									(1)	0.0
TOTAL INSTALL QTY/COST									78	3.2
TOTAL COST (BP-1100)									78	13.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-95 FY-96 FY-97										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT					1	1	11	25	25	15
OUTPUT					1	1	11	25	25	15

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										P-1 ITEM NOMENCLATURE: C-22	
	1996	1997	1998	1999	2000	2001	2002	2003			
COST (In Mil)	\$0.650	\$0.375	\$0.276	\$0.187	\$0.191	\$0.195	\$0.093			\$0.090	

This line item funds modifications to the C-22B aircraft. The C-22B, a Boeing 727-100, is a three engine medium-range aircraft used by the Air National Guard to airlift cargo and personnel. The major modification budgeted in FY98 is to fund service bulletins necessary for reliability and maintainability, safety, and mission performance. The specific modification budgeted and programmed is below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	99999S		SERVICE BULLETINS	0.7	0.4	0.3	0.2	0.2	0.2	0.1	0.1		2.1
			CLASS P	0.7	0.4	0.3	0.2	0.2	0.2	0.1	0.1		
			TOTAL FOR C-22	0.7	0.4	0.3	0.2	0.2	0.2	0.1	0.1		

Totals may not add due to rounding.

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UNCLASSIFIED

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)					DATE
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		P-1 ITEM NOMENCLATURE: C-STOL			
	1996	1997	1998	1999	2000
	\$0.289	\$0.772	\$0.051		
COST (In Mil)					
					2001
					2002
					2003

This line item funds modifications to the C-27 aircraft, commercial equivalent Alenia G222. The two engine C-27 is the only short takeoff and landing (STOL) theater dedicated tactical airlifter. The overall goal of the modification budgeted in FY98 is to fund service bulletins necessary to improve reliability and maintainability, safety, and mission performance. The specific modification budgeted and programmed is below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST	TOTAL
	P	99999S	SERVICE BULLETINS	0.3	0.8	0.1						TO GO	PROG.
			CLASS P	0.3	0.8	0.1							6.6
			TOTAL FOR C-27	0.3	0.8	0.1							
			TOTAL FOR C-27										

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 038	PAGE NO.	513
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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE		
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT A/AIRCRAFT MODIFICATIONS			P-1 ITEM NOMENCLATURE: C-137					
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$15.332	\$5.250	\$2.262					

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149T	TRAFFIC ALERT & COLLISON AVOID	3.0	3.4	0.2							6.6
	3150	NAVSTAR GLOBAL POSITIONING SYS	7.0	0.7								7.7
	99999S	SERVICE BULLETINS	1.0	0.6	2.1							13.1
	99999X	LOW COST MODIFICATIONS	1.3	0.5								6.2
	288888	REPROGRAMMINGS	3.0									3.0
		CLASS P										
		TOTAL FOR C-137	15.3	5.3	2.3							
		TOTAL FOR C-137	15.3	5.3	2.3							

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UNCLASSIFIED			

UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/14/97

MODIFICATION OF AIRCRAFT

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T

CLC C-137 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-137, DV AIRCRAFT

CENTER: OC-AIC

PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Traffic Collision Avoidance System (TCAS) II will provide a display for inbound aircraft traffic and provides both visual display corrective action and audible warning. FAA mandated all transport category aircraft are modified with TCAS. All civilian transport aircraft are modified with TCAS and air traffic control to prevent a possible aircraft mishap. The new commercially available off-the-shelf system to be selected will be an FAA approved TCAS II with mode-S capability installation.

AIRCRAFT BREAKDOWN: Active -- 5 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT	QTY	QTY	AMT	QTY	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS				2	0.5		3	1.2										
KITS NONRECUR					1.0													
EQUIPMENT			(2)		1.5		(3)	1.8										
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
OCG																		
INSTALLATION OF HARDWARE							(2)	0.2										
FY-96 2 KITS							(2)	0.2	(1)	0.2								
FY-97 3 KITS																		
TOTAL INSTALL QTY/COST							4	0.4	1	0.2								
TOTAL COST (BP-1100)				2	3.0		3	3.4		0.2								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY																		
INITIAL LEAD TIME -- 12 MONTHS																		
FOLLOW-ON LEAD TIME -- 12 MONTHS																		

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: C-137 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

RD1&E (3600)

PROCUREMENT (3010)

INSTALL KITS								5	1.7
KITS NONRECUR									1.0
EQUIPMENT									3.3

EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP

OCG

INSTALLATION OF HARDWARE

FY-96	2	KITS						(2)	0.2
FY-97	3	KITS						(3)	0.4

TOTAL INSTALL QTY/COST

-----	-----	-----	-----	-----	-----	-----	-----	5	0.6
-----	-----	-----	-----	-----	-----	-----	-----	5	6.6

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-96	FY-97	FY-98	FY-99
-----	-----	-----	-----

CONTRACT-DATE (QTR/FY) 1/97 1/98

DELIVERY-DATE (QTR/FY) 1/98 1/99

INSTALLATION SCHEDULE:

FY-96	FY-97	FY-98	FY-99
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1 1 1 1	1 1 1 1	1 1 1 1
OUTPUT	1 1 1 1	1 1 1 1	1 1 1 1

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: C-137
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-137 CLASS P
PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness. The commercial GPS (PY coded) system selected will be FRA certified and integrated with the aircraft navigation systems.

AIRCRAFT BREAKDOWN: Active -- 5 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			4	1.0	1	0.2						
KITS NONRECUR				4.0								
EQUIPMENT			(4)	1.0	(1)	0.3						
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OCG												
INSTALLATION OF HARDWARE			(4)	0.2	(1)	0.2						
FY-96 4 KITS												
FY-97 1 KITS												
TOTAL INSTALL QTY/COST			4	0.2	1	0.2						
TOTAL COST (BP-1100)			4	7.0	1	0.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: C-137 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									5	1.2
KITS NONREC										4.0
EQUIPMENT										1.3
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.8
SIM/TRAINER										
SUPPORT-EQUIP										
OCG										
INSTALLATION OF HARDWARE										
FY-96 4 KITS							(4)			0.2
FY-97 1 KITS							(1)			0.2
TOTAL INSTALL QTY/COST									5	0.4
TOTAL COST (BP-1100)									5	7.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98 FY-99										
CONTRACT-DATE (QTR/FY)	1/97	1/98								
DELIVERY-DATE (QTR/FY)	1/98	1/99								
INSTALLATION SCHEDULE:										
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4				
INPUT										
OUTPUT										

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*** UNCLASSIFIED ***

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						FEBRUARY 1997
P-1 ITEM NOMENCLATURE: C-141						
COST (in Mil)	1996	1997	1998	1999	2000	2001
	\$90.588	\$52.323	\$30.705	\$6.832	\$0.781	\$0.822
						\$0.916
						\$0.892

This line item funds modifications to the C-141 aircraft. The four engine C-141 delivers cargo and troops between strategic theaters of operation. It can carry up to 150 combat troops, 103 litter patients, or 13 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS										
		CLASS P-S TOTAL FOR C-141										
P	13627B	AUTOPILOT/COCKPIT UPGRADE	51.9	31.9	16.3	4.0						173.1
	13652B	FUEL QUANTITY INDICATING SYSTE	0.2	0.3	0.7							19.3
	3150	NAVSTAR GLOBAL POSITIONING SYS	30.2	16.6	9.8	1.8						58.3
	3455	AIRLIFT DEFENSIVE SYSTEMS	3.7	3.6	3.2	0.9						29.3
	6046	L-BAND SATCOM AND CJTF-C2 COMM	4.5									4.5
	99999N	MISC STRATEGIC ALFT SQDNS MODS			0.2							0.2
	99999T	MISC TRAINER PECULIAR MODS			0.5							0.5
	288888	REPROGRAMMINGS	0.1									0.1
		CLASS P TOTAL FOR C-141	90.6	52.3	30.7	6.6						
		TOTAL FOR C-141	90.6	52.3	30.7	6.8	0.8	0.8	0.9	0.9		

Totals may not add due to rounding.

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UNCLASSIFIED			

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AUTOPILOT/COCKPIT UPGRADE MN-13627B
MODELS OF AIRCRAFT AFFECTED: C-141B
CENTER: WR-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P
PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The all weather landing system as installed in the C-141 aircraft is of the mid-60's technology. Replacement of the AWLS system including the autopilot system is deemed necessary because of nonsupportability. Continual repair & overhaul of AWLS components (LRUs) in the field & at the depot Technical Repair Center (TRC) have resulted in difficulty in finding replacement LRUs sub-parts to support the present AWLS. Mod will provide state-of-the-art autopilot with autoland capability, a Ground Collision Avoidance subsystem, and enhanced instrumentation for display of flight direction, attitude, horizontal situation, altitude, airspeed, and vertical speed.

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	1	0.8	33	3.5	28	3.0						
KITS NONREC	1	3.6										
EQUIPMENT	(1)	6.4	(33)	28.1	(28)	23.6						
EQUIP NONREC	(1)	4.6										
CHANGE ORDERS		1.4		1.7								
DATA		9.4		1.0								
SIM/TRAINER		8.1	(1)	7.7								
SUPPORT-EQUIP		3.4		0.7								
RIW				5.1								
CONT LIABILITY		13.2		1.3								
SOFTWARE		18.1		1.1								
FLIGHT TEST				1.0								
INSTALLATION OF HARDWARE	(1)		(1)	0.7	(10)	5.3	(19)	7.6	(10)	4.0		
FY-92 1 KITS												
FY-94 1 KITS												
FY-96 33 KITS												
FY-97 28 KITS												
TOTAL INSTALL QTY/COST	1		1	0.7	10	5.3	41	16.3	10	4.0		
TOTAL COST (BP-1100)	2	69.1	33	51.9	28	31.9		16.3		4.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												

INITIAL LEAD TIME -- 25 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-141 MN-1362/B AUTOPILOT/COCKPIT UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)									
RDTE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
RIW									
CONF LIABILITY									
SOFTWARE									
FLIGHT TEST									
INSTALLATION OF HARDWARE									
FY-92 1 KITS									
FY-94 1 KITS									
FY-96 33 KITS									
FY-97 28 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									

DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: FUEL QUANTITY INDICATING SYSTEM MN-13652B

MODELS OF AIRCRAFT AFFECTED: C-141 A/B

CENTER: WR-ALC

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P

PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The present fuel quantity indicating system has low reliability and accuracy. The results of a PRAM project indicates an \$8M annual savings in fuels. This mod designed a digital fuel gauge indicator and totalizer. The present system was installed beginning 26 years ago and uses coaxial wiring that has reliability problems and is difficult to maintain. The present system shows an MTBF of 106 hours. The specifications for the new one calls for an MTBF of 5000 hours. Force structure changes account for delta between 125 kits bought and 64 kits being installed.

AIRCRAFT BREAKDOWN: Active -- 1 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR	124	7.6										
EQUIPMENT												
EQUIP NONREC	1	2.2										
CHANGE ORDERS												
DATA		0.6										
SIM/TRAINER		1.0										
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-91 2 KITS	(2)	0.1										
FY-92 63 KITS	(54)	4.4			(3)	0.3	(6)	0.7				
FY-93 60 KITS	(60)	2.2										
TOTAL INSTALL QTY/COST	116	6.7			3	0.3	6	0.7				
TOTAL COST (BP-1100)	125	18.1				0.2		0.7				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 18 MONTHS

FOLLOW-ON LEAD TIME -- 9 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-141 MN-13652B FUEL QUANTITY INDICATING SYSTEM (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									124	7.6
EQUIPMENT									1	2.2
EQUIP NONREC										
CHANGE ORDERS										0.6
DATA										1.0
SIM/TRAINER										0.2
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-91 2 KITS									(2)	0.1
FY-92 63 KITS									(63)	5.4
FY-93 60 KITS									(60)	2.2
TOTAL INSTALL QTY/COST									125	7.7
TOTAL COST (BP-1100)									125	19.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-91		FY-92		FY-93		FY-94		FY-95		FY-96		FY-97		FY-98		FY-99	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
CONTRACT-DATE (QTR/FY)	2/91	3/93	2/91	3/93	2/91	3/93	2/91	3/93	2/91	3/93	2/91	3/93	2/91	3/93	2/91	3/93	2/91	3/93
DELIVERY-DATE (QTR/FY)	2/92	2/94	2/92	2/94	2/92	2/94	2/92	2/94	2/92	2/94	2/92	2/94	2/92	2/94	2/92	2/94	2/92	2/94
INSTALLATION SCHEDULE:																		
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2
INPUT																		
OUTPUT																		

	FY-96		FY-97		FY-98		FY-99	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALLATION SCHEDULE:								
QUARTERS	1	2	3	4	1	2	3	4
INPUT								
OUTPUT								

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*** UNCLASSIFIED ***

DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P

MODELS OF AIRCRAFT AFFECTED: C-141B

CENTER: WR-ALC

PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Procures integration and installation of navigation equipment to comply with the congressional FY2000 mandate and Air Force Navigation/Safety equipment master baseline. Equipment includes the following principal components: two commercially procured Flight Management Systems with P/Y code capability, three commercial-off-the-shelf multi-function control display units, two commercial-off-the-shelf GPS antennas, and one non-developmental data loader subsystem. Aircraft integration meets the intent of FAA requirements for GPS enroute navigation and non-precision approach capability.

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		0.2										
PROCUREMENT (3010)												
INSTALL KITS			1	0.2	34	3.2	27	2.5				
KITS NONRECUR			1	7.5								
EQUIPMENT	(2)		(2)	0.5	(34)	7.6	(27)	6.0				
EQUIP NONREC												
CHANGE ORDERS												
DATA				2.3		0.4				0.9		
SIM/TRAINER				4.0	(6)	5.1						
SUPPORT-EQUIP				0.2		0.2						
SOFTWARE				14.7								
FLT TEST				0.5								
INSTALLATION OF HARDWARE												
FY-96	(1)		(1)	0.3								
2 KITS						0.1	(34)	1.2				
FY-97							(2)	0.1	(25)	0.9		
34 KITS												
FY-98												
27 KITS												
TOTAL INSTALL QTY/COST			1	0.3	1	0.1	36	1.3	25	0.9		
TOTAL COST (BP-1100)			2	30.2	34	16.6	27	9.8		1.8		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 8 MONTHS												
FOLLOW-ON LEAD TIME -- 8 MONTHS												

FACT SHEET: C-141 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS									62	6.0
KITS NONRECUR									1	7.5
EQUIPMENT										14.1

EQUIP NONREC										
CHANGE ORDERS										
DATA										

SIM/TRAINER										3.5
SUPPORT-EQUIP										9.1
SOFTWARE										0.4

FLT TEST										14.7
										0.5

INSTALLATION OF HARDWARE

FY-96	2	KITS							(1)	0.3
FY-97	34	KITS							(35)	1.3
FY-98	27	KITS							(27)	1.0

TOTAL INSTALL QTY/COST									63	2.5
									63	58.3

TOTAL COST (BP-1100)										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										

MILESTONES

CONTRACT-DATE (QTR/FY)

DELIVERY-DATE (QTR/FY)

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT												
OUTPUT												

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT												
OUTPUT												

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AIRLIFT DEFENSIVE SYSTEMS MN-3455
MODELS OF AIRCRAFT AFFECTED: C-141B
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P

DESCRIPTION/JUSTIFICATION: The C-141 users have a mission requirement for electronic warfare defensive systems which will improve aircrew survivability. The electronic warfare defensive systems will consist of a missile warning receiver and a flare and chaff dispenser.
(C-141, MN 3455 has flare capability only).
AIRCRAFT BREAKDOWN: Active -- 11 RES -- 46 ANG -- 18
CENTER: WR-ALC
PE 0401118F TEAM MOBIL

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		2.0										
PROCUREMENT (3010)												
INSTALL KITS	43	3.3	19	0.5	11	0.4						
KITS NONRECUR	2	1.4										
EQUIPMENT	(55)	6.5	(19)	2.2								
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.1										
SIM/TRAINER	(15)	0.8		0.8								
SUPPORT-EQUIP		3.6		0.2		0.3		0.1				
INSTALLATION OF HARDWARE												
FY-94 22 KITS	(22)	1.6			(17)	2.1						
FY-95 23 KITS	(5)	0.6			(6)	0.7	(13)	1.6				
FY-96 19 KITS							(11)	1.5				
FY-97 11 KITS												
TOTAL INSTALL QTY/COST	27	2.2	19	3.7	23	2.8	24	3.1				
TOTAL COST (BP-1100)	45	17.9	19	3.6	11	3.6		3.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 1 MONTHS												
FOLLOW-ON LEAD TIME -- 6 MONTHS												
										0.9		

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FACT SHEET: C-141 MN-3455 AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	
RDTEE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									73
KITS NONRECUR									2
EQUIPMENT									4.2
EQUIP NONREC									1.4
CHANGE ORDERS									8.7
DATA									0.9
SIM/TRAINER									0.1
SUPPORT-EQUIP									1.6
INSTALLATION OF HARDWARE									4.3
FY-94 22 KITS							(22)		1.6
FY-95 23 KITS							(22)		2.7
FY-96 19 KITS							(19)		2.3
FY-97 11 KITS							(11)		1.5
TOTAL INSTALL QTY/COST							74		8.1
TOTAL COST (BP-1100)							75		29.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
INSTALLATION SCHEDULE:									
QUARTERS	1	2	3	4	1	2	3	4	
INPUT									
OUTPUT									

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DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: L-BAND SATCOM AND CUTF-C2 COMM UPGRADE MN-6046
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-141 CLASS P
MODELS OF AIRCRAFT AFFECTED: C-141
CENTER: WR-ALC
PE 0401118F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Installs a dual purpose SATCOM/GPS antenna to support the use of a portable commercial L-Band SATCOM. The capability is needed to provide increased operational effectiveness for critical Command and Control communications and precision navigation for strategic and tactical airlift/airdrop missions.
AIRCRAFT BREAKDOWN: Active -- 61 RES -- 45 ANG -- 18

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			124	0.1								
KITS NONRECUR												
EQUIPMENT			(124)	3.6								
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 124 KITS			(124)	0.8								
TOTAL INSTALL QTY/COST			124	0.8								
TOTAL COST (BP-1100)			124	4.5								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 3 MONTHS												
FOLLOW-ON LEAD TIME -- 0 MONTHS												

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FACT SHEET: C-141 MN-6046 L-BAND SATCOM AND CJTF-C2 COMM UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									124	0.1
KITS NONRECUR										
EQUIPMENT										3.6
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-96 124 KITS							(124)			0.8
TOTAL INSTALL QTY/COST									124	0.8
TOTAL COST (BP-1100)									124	4.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										

FY-96
CONTRACT-DATE (QTR/FY) 2/96
DELIVERY-DATE (QTR/FY) 4/96

INSTALLATION SCHEDULE: FY-96
QUARTERS 1 2 3 4
INPUT 124
OUTPUT 124

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*** UNCLASSIFIED ***

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										FEBRUARY 1997
P-1 ITEM NOMENCLATURE: T-1										
	1996	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$5.594	\$7.323	\$6.974	\$8.019	\$0.010					

This line item funds modifications to the T-1A aircraft. The T-1A is a missionized Beech 400A used in the Airlift/Tanker track of USAF Specialized Undergraduate Pilot Training (SUPT) for Air Education and Training Command (AETC). It is powered by two Pratt and Whitney JT15D-5 turbofan engines mounted on the aft fuselage producing 2,900 pounds of thrust each. Avionics include UHF and VHF radios, INS, TACAN, ADF, and two VOR/ILS. The overall goal of the modification budgeted in FY98 is to enhance operational capability through the addition of Global Positioning System. The specific modification budgeted and programmed is below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3150	NAVSTAR GLOBAL POSITIONING SYS	5.6	7.3	7.0	8.0						27.9
		CLASS P TOTAL FOR T-1	5.6	7.3	7.0	8.0						
		TOTAL FOR T-1	5.6	7.3	7.0	8.0						

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 041	PAGE NO.	530
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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: T-1
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS P
PE 0804741F TEAM PERSO

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. The system is composed of three segments: user equipment, satellites, and a control network. Satellites broadcast velocity and provide steering vectors to target locations. Control segment updates daily the navigation messages broadcast from the satellites.

AIRCRAFT BREAKDOWN: Active -- 180 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					72	6.9	72	5.7	35	6.6		
KITS NONRECUR	1		1.5									
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA			1.3									
SIM/TRAINER			2.8		0.4		0.7		0.7			
SUPPORT-EQUIP							0.2		0.2			
OGC												
INSTALLATION OF HARDWARE					(1)							
FY-96 1 KITS												
FY-97 72 KITS					(54)	0.4	(18)	0.4	(18)			
FY-98 72 KITS							(54)	0.4	(35)			
FY-99 35 KITS												
TOTAL INSTALL QTY/COST					1		54	0.4	72	0.5	53	
TOTAL COST (BP-1100)			1	5.6	72	7.3	72	7.0	35	8.0		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: T-1 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										

PROCUREMENT (3010)

INSTALL KITS									179	19.2
KITS NONRECUR									1	1.5
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
OGC										

INSTALLATION OF HARDWARE

FY-96	1	KITS							(1)	0.0
FY-97	72	KITS							(72)	0.5
FY-98	72	KITS							(72)	0.4
FY-99	35	KITS							(35)	0.0

TOTAL INSTALL QTY/COST

									180	0.9
									180	27.9

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	4/96	2/97	2/98	2/99	
DELIVERY-DATE (QTR/FY)	4/97	2/98	2/99	2/00	

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					1	18	18	18	18	18	18	17
OUTPUT					1	18	18	18	18	18	18	17

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										P-1 ITEM NOMENCLATURE: T-3 (EFS) AIRCRAFT	
	1996	1997	1998	1999	2000	2001	2002	2003			
COST (In Mil)	\$0.076	\$0.148	\$0.100	\$0.099	\$0.099	\$0.099					

The T-3 is a single engine, propeller driven, two seat (side-by-side), trainer used by AETC as a flight screener for Undergraduate Pilot Training. The overall goal of the modification budgeted in the FY98 is to enhance flight safety while improving reliability and maintainability. The specific modification budgeted and programmed is below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	99999A		LOW COST SAFETY MODIFICATIONS	0.1	0.1	0.1	0.1	0.1	0.1				0.6
			CLASS P	0.1	0.1	0.1	0.1	0.1	0.1				
			TOTAL FOR T-3	0.1	0.1	0.1	0.1	0.1	0.1				
			TOTAL FOR T-3										

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 042	PAGE NO.	333
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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE						
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT A/AIRCRAFT MODIFICATIONS		P-1 ITEM NOMENCLATURE: T-38						
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$2.500	\$9.349	\$14.906	\$55.132	\$103.285	\$96.201	\$91.757	\$110.523

The T-38 is a twin engine, two seat (tandem), supersonic jet trainer used by Air Education Training Command as an advanced trainer in Undergraduate Pilot Training. The overall goal of the modifications budgeted in FY98 is to enhance safety of flight. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	10206A	FUS STA 325 BULKHEAD FORMER CH	1.2		6.3	17.0	4.2					56.4
	14207B	COCKPIT ENCLOSURE (PC)		3.8	6.5							66.8
	99999A	LOW COST SAFETY MODIFICATIONS	0.1	5.6	2.0	0.1		0.1	0.1	0.2		9.8
		CLASS P-S TOTAL FOR T-38	1.3	9.3	14.8	17.1	4.2	0.1	0.1	0.2		
P	15201B	STAGE II COMPRESSOR BLADE (PC)	0.8									5.2
	6029	AVIONICS UPGRADE				38.0	99.1	96.1	91.7	110.4	40.7	475.9
	288888	REPROGRAMMINGS	0.4									0.5
		CLASS P TOTAL FOR T-38	1.2			38.0	99.1	96.1	91.7	110.4	40.7	
		TOTAL FOR T-38	2.5	9.3	14.8	55.1	103.3	96.2	91.8	110.5	40.7	

Totals may not add due to rounding.

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: FUS STA 325 BULKHEAD FORMER CHANGEOUT MN-10206A
MODELS OF AIRCRAFT AFFECTED: T-38
CENTER: SA-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-38 CLASS P-S
PE 0804741F TEAM PERSO

DESCRIPTION/JUSTIFICATION: Aircraft is developing cracks in six locations on the 325 former. Repairs only retard crack growth. Data indicates crack growth will be beyond safety limits. Stress corrosion cracking is unpredictable.

AIRCRAFT BREAKDOWN: Active -- 456 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	399	10.2	57	1.2								
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-93 166 KITS	(166)	17.4										
FY-94 201 KITS												
FY-95 32 KITS												
FY-96 57 KITS												
TOTAL INSTALL QTY/COST	166	17.4										
TOTAL COST (BP-1100)	399	27.6	57	1.2								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: T-38 MN-10206A FUS STA 325 BULKHEAD FORMER CHANGEOUT (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

RDTE (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-93 166 KITS

FY-94 201 KITS

FY-95 32 KITS

FY-96 57 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

CONTRACT-DATE (QTR/FY) 2/93 2/94 3/95 1/96

DELIVERY-DATE (QTR/FY) 3/94 3/95 4/96 1/97

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT

OUTPUT

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT

OUTPUT

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT

OUTPUT

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT

OUTPUT

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT

OUTPUT

INSTALLATION SCHEDULE:

QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4

INPUT

OUTPUT

*** UNCLASSIFIED ***

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: COCKPIT ENCLOSURE (PC) MN-14207B
MODELS OF AIRCRAFT AFFECTED: T-38
CENTER: SA-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-38 CLASS P-S
PE 0804741F TEAM PERSO

DESCRIPTION/JUSTIFICATION: Fatigue cracks combined with corrosion are being found in the cockpit longeron at an increasing rate. The damage is also being found around the canopy hook slots and longeron splice. The critical nature of the structural components limits the type and number of authorized repairs before loss of structural integrity leading to catastrophic failure of structural components and/or loss of personnel. This modification will redesign and strengthen the aging structural components, incorporate a new canopy latching system, and strengthen other structurally related areas/components.

AIRCRAFT BREAKDOWN: Active -- 454 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	454	12.9										
KITS NONRECUR	(2)	0.4										
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.2										
SIM/TRAINER												
SUPPORT-EQUIP												
TOOLING		0.8										
INSTALLATION OF HARDWARE												
FY-90 23 KITS	(23)	2.2										
FY-91 125 KITS	(125)	17.3										
FY-92 207 KITS	(207)	20.4										
FY-93 19 KITS	(19)	2.3										
FY-94 67 KITS			(30)	3.8	(37)	4.8						
FY-95 13 KITS					(13)	1.7						
TOTAL INSTALL QTY/COST	374	42.2			30	3.8	50	6.5				
TOTAL COST (BP-1100)	454	56.5				3.8		6.5				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: T-38 MN-14207B COCKPIT ENCLOSURE (PC) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDY&E (3600)										
PROCUREMENT (3010)									454	12.9
INSTALL. KITS										0.4
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.2
SIM/TRAINER										
SUPPORT-EQUIP										0.8
TOOLING										
INSTALLATION OF HARDWARE										
FY-90 23 KITS									(23)	2.2
FY-91 125 KITS									(125)	17.3
FY-92 207 KITS									(207)	20.4
FY-93 19 KITS									(19)	2.3
FY-94 67 KITS									(67)	8.6
FY-95 13 KITS									(13)	1.7
TOTAL INSTALL QTY/COST									454	52.5
TOTAL COST (BP-1100)									454	66.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
DELIVERY-DATE (QTR/FY)	3/90	3/91	1/92	1/93	1/94	1/95	1/96	1/97		
INSTALLATION SCHEDULE:	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:	FY-95	FY-96	FY-97	FY-98	FY-99					
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4					
INPUT	34 35 36	34 35 36	34 35 36	34 35 36	34 35 36					
OUTPUT	22 34 35 36	22 34 35 36	22 34 35 36	22 34 35 36	22 34 35 36					

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AVIONICS UPGRADE MN-6029
MODELS OF AIRCRAFT AFFECTED: T-38
CENTER: SA-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-38 CLASS P
PE 0804741F TEAM PERSO

DESCRIPTION/JUSTIFICATION: Significant advances in avionics systems technologies have occurred since the A/T-38 entered service in 1962. Current bomber and fighter aircraft employ highly complex avionics which are not available in the A/T-38. This causes an inability to train standard avionics and cockpit management skills. Current installed avionics have low reliability and maintainability rates. Finally there is a requirement to install GPS on the A/T-38 to permit operations in the national airspace. The upgrade will include a HUD, GPS/INS and a glass cockpit resembling current and proposed bomber and fighter aircraft, eliminating the current training deficiencies. Simulators will be updated for a complete training system.

AIRCRAFT BREAKDOWN: Active --- 425 RES --- 0 ANG --- 0

DEVELOPMENT STATUS: FY 98 - Continue EMD phase; start and complete modification of EMD aircraft numbers one and two; complete contractor testing; complete integration first flight; conduct DT&E/IO&E; perform production planning; perform manufacturing lineproofing; conduct ATD design reviews; start ATD CLS and Training Software Support Center site assessments; start ATD testing.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT	-----	QTY	AMT	-----	QTY	AMT	-----	QTY	AMT	-----	QTY	AMT	-----	QTY	AMT	-----
RDTE (3600)	-----	-----	-----	-----	14.9	-----	-----	22.9	-----	-----	16.9	-----	-----	8.9	-----	-----	1.6	-----
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-99 45 KITS																		
FY-00 90 KITS																		
FY-01 90 KITS																		
FY-02 90 KITS																		
FY-03 90 KITS																		
FY-04 20 KITS																		
TOTAL INSTALL QTY/COST	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION --- DEPOT																		
INITIAL LEAD TIME --- 12 MONTHS																		
FOLLOW-ON LEAD TIME --- 12 MONTHS																		

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FACT SHEET: T-38 MN-6029 AVIONICS UPGRADE (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

*** UNCLASSIFIED ***

		FY-01		FY-02		FY-03		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS		90	4.7	90	4.9	90	5.0	20	1.1	425	22.6
KITS NONRECUR											
EQUIPMENT		(90)	71.4	(90)	73.5	(90)	75.7	(20)	17.3		340.3
EQUIP NONREC											
CHANGE ORDERS											
DATA			5.1		1.3		5.2		0.3		10.3
SIM/TRAINER			4.8		1.5		13.7		3.1		15.4
SUPPORT-EQUIP									5.3		37.5
INSTALLATION OF HARDWARE											
FY-99 45 KITS										(45)	5.0
FY-00 90 KITS		(90)	10.1	(90)	10.4	(90)	10.7	(90)	11.0	(90)	10.1
FY-01 90 KITS										(90)	10.4
FY-02 90 KITS										(90)	10.7
FY-03 90 KITS										(90)	11.0
FY-04 20 KITS										(20)	2.5
TOTAL INSTALL QTY/COST		90	10.1	90	10.4	90	10.7	110	13.6	425	49.8
TOTAL COST (BP-1100)		90	96.1	90	91.7	90	110.4	20	40.7	425	475.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
MILESTONES											
FY-96 FY-97 FY-98 FY-99 FY-00 FY-01 FY-02 FY-03 FY-04 FY-05											
CONTRACT-DATE (QTR/FY)											
DELIVERY-DATE (QTR/FY)											
INSTALLATION SCHEDULE:											
QUARTERS		1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT											
OUTPUT											
INSTALLATION SCHEDULE:											
QUARTERS		1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT											
OUTPUT											

*** UNCLASSIFIED ***

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS			P-1 ITEM NOMENCLATURE: T-41 AIRCRAFT				
	1996	1997	1998	1999	2000	2001	2002
	\$0.025	\$0.024	\$0.100	\$0.099	\$0.099	\$0.099	\$0.100
COST (In Mil)							\$0.100

The T-41 is a military derivative of the civilian Cessna 172, a four seat, propeller driven, light aircraft used by USAFA in support of the aeronautical engineering course curriculum. The overall goal of the modification budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modification budgeted and programmed is below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	9999X		LOW COST MODIFICATIONS			0.1	0.1	0.1	0.1	0.1	0.1		0.9
			CLASS P			0.1	0.1	0.1	0.1	0.1	0.1		
			TOTAL FOR T-41			0.1	0.1	0.1	0.1	0.1	0.1		

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 044	PAGE NO.	541
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UNCLASSIFIED

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						P-1 ITEM NOMENCLATURE: T-43	
	1996	1997	1998	1999	2000	2001	2002
COST (In Mil)	\$11.683	\$6.600	\$10.256	\$2.318	\$0.789	\$0.098	\$0.365
							\$0.366

The T-43 is a military derivative of the Boeing 737 used by AETC as an airborne training platform in Undergraduate Navigator Training. The major modifications budgeted in FY98 are the Global Positioning System (GPS), the Traffic Alert & Collision Avoidance System (TCAS), and the Flight Data Recorder/Cockpit Voice Recorder (FDR/CVR). The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149F	FLIGHT DATA RECORDER & COCKPIT	1.9	0.3	1.4	2.3	0.7					6.4
	3149T	TRAFFIC ALERT & COLLISION AVOID	3.7	0.6	1.2							5.5
	3150	NAVSTAR GLOBAL POSITIONING SYS	0.6	5.5	3.5							11.6
	9605	INMARSAT AND SATCOM UPGRADE			4.0							4.0
	99999S	SERVICE BULLETINS	1.8		0.1				0.4	0.4		8.7
	99999X	LOW COST MODIFICATIONS		0.3	0.1	0.1	0.1					1.8
	288888	REPROGRAMMINGS	3.7									4.0
		CLASS P TOTAL FOR T-43	11.7	6.6	10.3	2.3	0.8	0.1	0.4	0.4		
		TOTAL FOR T-43	11.7	6.6	10.3	2.3	0.8	0.1	0.4	0.4		

Totals may not add due to rounding.

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			342

DATE 02/14/97

MODIFICATION OF AIRCRAFT

EXHIBIT P3A CONGRESSIONAL

BY 866T J3
PD 1998

FY 1998 PB
MODIFICATION TITLE AND NO: FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER
MN-3149F

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-43 CLASS P

MODELS OF AIRCRAFT AFFECTED: CT-43, DV AIRCRAFT

CENTER: OC-ALC

E 0804742F TEAM PERSO

DESCRIPTION/JUSTIFICATION: The modification is IAW SECDEF 26 Apr 96 letter requiring navigation and safety upgrades for aircraft designated for Distinguished Visitor (DV) missions and Operational Support Airlift (OSA) aircraft. The Flight Data Recorder and the Cockpit Voice Recorder will provide a valuable aid in providing post-mishap information concerning the pre-mishap pilot actions and aircraft system status.

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)						
PROCUREMENT (3010)						
INSTALL KITS			1	0.1	3	0.4
KITS NONRECUR					5	0.6
EQUIPMENT	(1)	0.9	(1)	0.1	(3)	0.4
EQUIP NONREC	(1)	0.9			(5)	0.6
CHANGE ORDERS						
DATA						
SIM/TRAINER						0.2
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY-97 1 KITS				(1)	0.1	
FY-98 3 KITS				(3)	0.3	
FY-99 5 KITS					(3)	0.3
FY-00 1 KITS					(1)	0.1
TOTAL INSTALL QTY/COST						
				4	0.4	3
					0.3	0.3
TOTAL COST (\$P=1100)						
		1.9	1	0.3	1.4	2.3
					5	1
						0.7

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 3 MONTHS

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FACT SHEET: T-43 MN-3149F FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									10	1.3
EQUIPMENT										0.9
EQUIP NONREC										1.3
CHANGE ORDERS										0.9
DATA										1.1
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-97 1 KITS									(1)	0.1
FY-98 3 KITS									(3)	0.3
FY-99 5 KITS									(5)	0.5
FY-00 1 KITS									(1)	0.1
TOTAL INSTALL QTY/COST									10	1.0
TOTAL COST (BP-1100)									10	6.4
{TOTALS MAY NOT ADD DUE TO ROUNDING.}										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99	FY-00					
	----	----	----	----	----					
CONTRACT-DATE (QTR/FY)	4/96	4/97	4/98	4/99	1/00					
DELIVERY-DATE (QTR/FY)	3/97	1/98	1/99	1/00	2/00					
INSTALLATION SCHEDULE:	FY-96					FY-98			FY-99	FY-00
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB
MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM
MN-3149T

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-43 CLASS P

MODELS OF AIRCRAFT AFFECTED: CT-43, DV AIRCRAFT

E 0804742F TEAM PERSO

DESCRIPTION/JUSTIFICATION: The modification is IAW SECDEF 26 Apr 96 letter requiring navigation and safety upgrade for aircraft designated for distinguished visitor (DV) passenger missions and Operational Support Airlift (OSA) aircraft. Traffic Collision Avoidance System (TCAS) will provide a display for inbound aircraft traffic and provide both visual display corrective action and audible warning. This modification will install TCAS II/MODE S on 2 T-43 aircraft and 1 CT-43 aircraft. Two prototypes will be required due to the different avionics equipment and cockpit layout on T-43s and CT-43s.

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT4E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT						2												
EQUIP NONREC						(2)												
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-96																		
FY-98																		
2 KITS																		
1 KITS																		
TOTAL INSTALL QTY/COST																		
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION --- CLS																		
INITIAL LEAD TIME -- 13 MONTHS																		
FOLLOW-ON LEAD TIME -- 3 MONTHS																		

*** UNCLASSIFIED ***

FACT SHEET: T-43 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									1	0.4
KITS NONRECUR									2	1.8
EQUIPMENT										0.4
EQUIP NONREC										1.8
CHANGE ORDERS										0.8
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-96 2 KITS									(2)	0.3
FY-98 1 KITS									(1)	0.2
TOTAL INSTALL QTY/COST									3	0.5
TOTAL COST (BP-1100)									3	5.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98										
CONTRACT-DATE (QTR/FY)	4/96		2/98							
DELIVERY-DATE (QTR/FY)	1/98		3/98							
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT					2	2	1			
OUTPUT					2	1				

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DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150

MODELS OF AIRCRAFT AFFECTED: T-43

CENTER: OC-ALC

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC T-43 CLASS P

PE 0804742F TEAM PERSO

DESCRIPTION/JUSTIFICATION: This modification is IAW SECDEF 26 Apr 96 letter requiring navigation and safety upgrades for aircraft designed for Distinguished Visitor (DV) passenger missions and Operational Support Airlift (OSA) aircraft. This modification will install dual Litton 410 flight management systems and Trimble GPS receivers and antennas. This modification is applicable to all T/CT43 aircraft. Two prototypes will be required due to the different avionics equipment and cockpit layout on T-43s and CT-43s.

AIRCRAFT BREAKDOWN: Active -- 11 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR	(2)	1.3			9	2.0						
EQUIPMENT					(9)	2.1						
EQUIP NONREC	(2)	0.7										
CHANGE ORDERS												
DATA												
SIM/TRAINER						1.4	2.1					
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 9 KITS					(9)	1.4						
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		2.0			9	5.5	3.5					

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 13 MONTHS

FOLLOW-ON LEAD TIME -- 10 MONTHS

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FACT SHEET: T-43 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS								9	2.0
KITS NONRECUR									1.3
EQUIPMENT									2.1
EQUIP NONREC									0.7
CHANGE ORDERS									4.1
DATA									

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-97	9	KITS						(9)	1.4
TOTAL INSTALL QTY/COST								9	1.4
TOTAL COST (BP-1100)								9	11.6

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-95	FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	2/96	2/97	
DELIVERY-DATE (QTR/FY)	2/97	1/98	

FY-95				FY-96				FY-97				FY-98			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
QUARTERS															
INPUT															
OUTPUT															

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: INMARSAT AND SATCOM UPGRADE MN-9605
MODELS OF AIRCRAFT AFFECTED: CT-43
DESCRIPTION/JUSTIFICATION: Design/procure/nstall/test and provide data for multichannel Inmarsat and Milsat communications upgrades to US CINC SOUTH aircraft.
AIRCRAFT BREAKDOWN: Active -- 1 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONREC												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 1 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS
INITIAL LEAD TIME -- 3 MONTHS
FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: T-43 MN-9605 INMARSAT AND SATCOM UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									1	0.5
KITS NONREC										1.0
EQUIPMENT										1.2
EQUIP NONREC										
CHANGE ORDERS										0.3
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-98 1 KITS							(1)			1.0
TOTAL INSTALL QTY/COST									1	1.0
TOTAL COST (BP-1100)									1	4.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										

CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										

INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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*** UNCLASSIFIED ***

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						P-1 ITEM NOMENCLATURE: KC-10A (ATCA)	
COST (In Mil)	1996	1997	1998	1999	2000	2001	2002
	\$24.686	\$13.216	\$14.533	\$29.258	\$9.188	\$12.710	\$2.397
							\$1.256

This line item funds modifications to the KC-10 aircraft. The three engine KC-10 serves a dual-role by providing both air refueling and strategic airlift support. The aircraft provides air refueling by using both the boom and drogue methods and can carry up to 27 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS	0.2		0.1	0.1	0.3	0.5				1.5
		CLASS P-S TOTAL FOR KC-10	0.2		0.1	0.1	0.3	0.5				
P	3150	NAVSTAR GLOBAL POSITIONING SYS	15.4	12.1	5.1	2.0						54.9
	3351	REFUELING PODS	0.9									53.9
	4301	ENGINE VIBRATION MONITORING SY	1.1	1.1	1.1	1.1	1.0	0.4				6.9
	4369	REPLACE PYLONS 1&3 FORWARD MOU			4.7	4.1	4.6	3.9	1.2			18.6
	6046	L-BAND SATCOM AND CJTF-C2 COMM	8.6	1.2	1.1							10.9
	9702	8.33 KHZ VEH RADIO			2.0							2.0
	99999S	SERVICE BULLETINS		2.8	0.4	1.4	3.2	2.9	1.2	1.3		20.8
	99999X	LOW COST MODIFICATIONS					0.1	0.1				2.6
	SIM-10	SIMULATOR UPGRADE (KC-10)				20.5		5.0				37.1
	288888	REPROGRAMMINGS	-1.6	-4.0								-5.5
		CLASS P TOTAL FOR KC-10	24.5	13.2	14.5	29.2	8.8	12.2	2.4	1.3		
		TOTAL FOR KC-10	24.7	13.2	14.5	29.3	9.2	12.7	2.4	1.3		

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 046		PAGE NO.	551
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: ALL
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P
CENTER: OC-ALC
PE 0401219F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning system (GPS) is a space based radio navigation system that will provide suitably equipped host vehicles with highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness.

AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Acft breakout: 59 active.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	25	4.5	25	4.6	8	2.4						
KITS NONREC	1	1.3										
EQUIPMENT	(25)	4.0	(25)	4.1	(8)	2.0						
EQUIP NONREC	(1)	6.3										
CHANGE ORDERS												
DATA		1.7		2.0								
SIM/TRAINER		0.7		4.7								
SUPPORT-EQUIP		1.3				3.7	1.0					
INSTALLATION OF HARDWARE												
FY-94 1 KITS	(1)	0.5			(25)	4.0			(8)	2.0		
FY-95 25 KITS												
FY-96 25 KITS										2.0		
FY-97 8 KITS												
TOTAL INSTALL QTY/COST	1	0.5			25	4.0	4.1		8	2.0		
TOTAL COST (BP-1100)	26	20.3	25	15.4	8	12.1	5.1			2.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 21 MONTHS

PAGE 046-1
*** UNCLASSIFIED ***

FACT SHEET: KC-10 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									58	11.5
KITS NONRECUR									1	1.3
EQUIPMENT										10.1
EQUIP NONREC										6.3
CHANGE ORDERS										3.7
DATA										5.4
SIM/TRAINER										6.0
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-94 1 KITS									(1)	0.5
FY-95 25 KITS									(25)	4.0
FY-96 25 KITS									(25)	4.1
FY-97 8 KITS									(8)	2.0
TOTAL INSTALL QTY/COST									59	10.6
TOTAL COST (BP-1100)									59	54.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									6	7
OUTPUT									6	7
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									6	7
OUTPUT									6	7

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: REFUELING PODS MN-3351
MODELS OF AIRCRAFT AFFECTED: KC-10A
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P
PE 0401219F TEAM MOBIL
DESCRIPTION/JUSTIFICATION: Provides two additional wing-tip mounted, hose reel air refueling systems for probe and drogue refueling. Enhances reliability and support of U.S. Navy, Marine, and allied aircraft. Fifteen sets of pods/pylons (2 pods per set) have been purchased and twenty aircraft are being modified.
AIRCRAFT BREAKDOWN: Active -- 20 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	20	6.0										
KITS NONRECUR		1.1										
EQUIPMENT	(20)	27.2										
EQUIP NONREC		0.3										
CHANGE ORDERS		1.6										
DATA		2.4										
SIM/TRAINER		0.8										
SUPPORT-EQUIP		3.0										
INSTALLATION OF HARDWARE												
FY-88 5 KITS (5)												
FY-93 6 KITS (6)		5.9										
FY-94 9 KITS (6)		4.7	(3)	0.9								
TOTAL INSTALL QTY/COST	17	10.6	3	0.9								
TOTAL COST (BP-1100)	20	53.0		0.9								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

PAGE 046-3
*** UNCLASSIFIED ***

FACT SHEET: KC-10 MN-3351 REFUELING PODS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

RD7&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-88 5 KITS												
FY-93 6 KITS												
FY-94 9 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
CONTRACT-DATE (QTR/FY)												
DELIVERY-DATE (QTR/FY)												
INSTALLATION SCHEDULE:												
QUARTERS												
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FY-32												

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: REPLACE PYLONS 1&3 FORWARD MOUNT TRUSS ASSEMBLY MN-4369
MODELS OF AIRCRAFT AFFECTED: KC-10A
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P
PE 0401219F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Replacement of the KC-10 wing engine pylon with an improved updated engine mount truss fitting less prone to stress cracking. (REF: AIRWORTHINESS DIRECTIVE 91-07-15, ALERT SERVICE BULLETIN 54-99) If not corrected, cracks could result in loss of structural integrity of the wing engine forward mount truss fitting and eventual separation of the engine.

AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							15	3.8	15	3.3	15	3.4
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-98 15 KITS					(10)	0.9	(5)	0.4				
FY-99 15 KITS							(8)	0.5	(7)			0.3
FY-00 15 KITS									(6)			0.9
FY-01 14 KITS												
TOTAL INSTALL QTY/COST							10	0.9	13	0.9	13	1.2
							15	4.7	15	4.1	15	4.6

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 3 MONTHS
FOLLOW-ON LEAD TIME -- 3 MONTHS

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FACT SHEET: KC-10 MN-4369 REPLACE PYLONS 1&3 FORWARD MOUNT TRUSS ASSEMBLIE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

RD&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS	14	2.5						59	13.0
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									0.1
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-98 15 KITS								(15)	1.3
FY-99 15 KITS								(15)	0.8
FY-00 15 KITS	(9)	1.0						(15)	1.9
FY-01 14 KITS	(4)	0.4	(10)	1.1				(14)	1.5
TOTAL INSTALL QTY/COST	13	1.4	10	1.1				59	5.5
TOTAL COST (BP-1100)	14	3.9		1.2				59	18.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
1/98			1/99	1/00	1/01				
2/98			2/99	2/00	2/01				
INSTALLATION SCHEDULE:									
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT									
OUTPUT									
FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-98	FY-99	FY-00
1	2	3	4	1	2	3	4	1	2
2	3	4	1	2	3	4	1	2	3
3	4	1	2	3	4	1	2	3	4
4	1	2	3	4	1	2	3	4	1
5	2	3	4	1	2	3	4	1	2
6	3	4	1	2	3	4	1	2	3
7	4	1	2	3	4	1	2	3	4
8	5	2	3	4	1	2	3	4	1
9	6	3	4	1	2	3	4	1	2
10	7	4	1	2	3	4	1	2	3
11	8	5	2	3	4	1	2	3	4
12	9	6	3	4	1	2	3	4	1
13	10	7	4	1	2	3	4	1	2
14	11	8	5	2	3	4	1	2	3
15	12	9	6	3	4	1	2	3	4
16	13	10	7	4	1	2	3	4	1
17	14	11	8	5	2	3	4	1	2
18	15	12	9	6	3	4	1	2	3
19	16	13	10	7	4	1	2	3	4
20	17	14	11	8	5	2	3	4	1
21	18	15	12	9	6	3	4	1	2
22	19	16	13	10	7	4	1	2	3
23	20	17	14	11	8	5	2	3	4
24	21	18	15	12	9	6	3	4	1
25	22	19	16	13	10	7	4	1	2
26	23	20	17	14	11	8	5	2	3
27	24	21	18	15	12	9	6	3	4
28	25	22	19	16	13	10	7	4	1
29	26	23	20	17	14	11	8	5	2
30	27	24	21	18	15	12	9	6	3
31	28	25	22	19	16	13	10	7	4
32	29	26	23	20	17	14	11	8	5
33	30	27	24	21	18	15	12	9	6
34	31	28	25	22	19	16	13	10	7
35	32	29	26	23	20	17	14	11	8
36	33	30	27	24	21	18	15	12	9
37	34	31	28	25	22	19	16	13	10
38	35	32	29	26	23	20	17	14	11
39	36	33	30	27	24	21	18	15	12
40	37	34	31	28	25	22	19	16	13
41	38	35	32	29	26	23	20	17	14
42	39	36	33	30	27	24	21	18	15
43	40	37	34	31	28	25	22	19	16
44	41	38	35	32	29	26	23	20	17
45	42	39	36	33	30	27	24	21	18
46	43	40	37	34	31	28	25	22	19
47	44	41	38	35	32	29	26	23	20
48	45	42	39	36	33	30	27	24	21
49	46	43	40	37	34	31	28	25	22
50	47	44	41	38	35	32	29	26	23
51	48	45	42	39	36	33	30	27	24
52	49	46	43	40	37	34	31	28	25
53	50	47	44	41	38	35	32	29	26
54	51	48	45	42	39	36	33	30	27
55	52	49	46	43	40	37	34	31	28
56	53	50	47	44	41	38	35	32	29
57	54	51	48	45	42	39	36	33	30
58	55	52	49	46	43	40	37	34	31
59	56	53	50	47	44	41	38	35	32
60	57	54	51	48	45	42	39	36	33
61	58	55	52	49	46	43	40	37	34
62	59	56	53	50	47	44	41	38	35
63	60	57	54	51	48	45	42	39	36
64	61	58	55	52	49	46	43	40	37
65	62	59	56	53	50	47	44	41	38
66	63	60	57	54	51	48	45	42	39
67	64	61	58	55	52	49	46	43	40
68	65	62	59	56	53	50	47	44	41
69	66	63	60	57	54	51	48	45	42
70	67	64	61	58	55	52	49	46	43
71	68	65	62	59	56	53	50	47	44
72	69	66	63	60	57	54	51	48	45
73	70	67	64	61	58	55	52	49	46
74	71	68	65	62	59	56	53	50	47
75	72	69	66	63	60	57	54	51	48
76	73	70	67	64	61	58	55	52	49
77	74	71	68	65	62	59	56	53	50
78	75	72	69	66	63	60	57	54	51
79	76	73	70	67	64	61	58	55	52
80	77	74	71	68	65	62	59	56	53
81	78	75	72	69	66	63	60	57	54
82	79	76	73	70	67	64	61	58	55
83	80	77	74	71	68	65	62	59	56
84	81	78	75	72	69	66	63	60	57
85	82	79	76	73	70	67	64	61	58
86	83	80	77	74	71	68	65	62	59
87	84	81	78	75	72	69	66	63	60
88	85	82	79	76	73	70	67	64	61
89	86	83	80	77	74	71	68	65	62
90	87	84	81	78	75	72	69	66	63
91	88	85	82	79	76	73	70	67	64
92	89	86	83	80	77	74	71	68	65
93	90	87	84	81	78	75	72	69	66
94	91	88	85	82	79	76	73	70	67
95	92	89	86	83	80	77	74	71	68
96	93	90	87	84	81	78	75	72	69
97	94	91	88	85	82	79	76	73	70
98	95	92	89	86	83	80	77	74	71
99	96	93	90	87	84	81	78	75	72
100	97	94	91	88	85	82	79	76	73

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: L-BAND SATCOM AND CJTF-C2 COMM UPGRADE MN-6046
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P
MODELS OF AIRCRAFT AFFECTED: ALL
CENTER: OC-ALC
PE 0401219F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Recent incidents have highlighted the need for direct communications and control. A commercially available AERO-C SATCOM system will provide the capability for the KC-10. The upgrade to six KC-10s to support CJTF-C2 Comm capabilities will be accomplished at a contractor support facility.
AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS			59	1.8								
KITS NONRECUR												
EQUIPMENT			(59)	3.5								
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.5								
SIN/TRAINER				1.7								
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 59 KITS			(3)	1.2	(3)	1.2						
TOTAL INSTALL QTY/COST			3	1.2	3	1.2						
TOTAL COST (BP-1100)			59	8.6		1.2						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION --- COMBINATION
INITIAL LEAD TIME -- 2 MONTHS
FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: KC-10 MN-6046 L-BAND SATCOM AND CJTF-C2 COMM UPGRADE (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS								59	1.8
KITS NONRECUR									
EQUIPMENT									3.5
EQUIP NONREC									
CHANGE ORDERS									0.5
DATA									
SIM/TRAINER									2.8
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-96 59 KITS						(	6)		2.4
TOTAL INSTALL QTY/COST								6	2.4
TOTAL COST (BP-1100)								59	10.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									

FY-96 FY-97

CONTRACT-DATE (QTR/FY) 1/96

DELIVERY-DATE (QTR/FY) 1/96

INSTALLATION SCHEDULE: FY-96 FY-97

QUARTERS	1	2	3	4	1	2	3	4
INPUT				3				
OUTPUT				3				

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: 8.33 KHZ VHF RADIO MN-9702
MODELS OF AIRCRAFT AFFECTED: KC-10
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P
PE 0401219F TEAM MOBIL
DESCRIPTION/JUSTIFICATION: To relieve the VHF spectrum congestion in Europe, channel spacing will be reduced to 8.33KHZ. Effective 1 JAN 99, all aircraft operating in airspace for which the 8.33KHZ channel spacing has been mandated, must have VHF radios capable of operating at the mandated spacing.
AIRCRAFT BREAKDOWN: Active -- 59 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Two 8.33KHZ radios are required for operation under instrument flight rules (IFR) under a general requirement of the European Joint Aviation Authorities. Commercial off-the-shelf systems will be used/integrated.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT							59	2.0				
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 3 MONTHS
FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: KC-10 MN-9702 8.33 KHZ VFH RADIO (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									59	2.0
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOTAL COST (BP-1100)									59	2.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98							
CONTRACT-DATE (QTR/FY)			2/98							
DELIVERY-DATE (QTR/FY)			3/98							

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SIMULATOR UPGRADE (KC-10) MN-SIN-10
MODELS OF AIRCRAFT AFFECTED: KC-10
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
CENTER: OO-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC KC-10 CLASS P
PE 0401897F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modify the KC-10 boom operator trainers with new computers, linkage, digital communications, & aural cues, visual system & controls. Also modify the KC-10 simulators with a new modular I/O linkage, digital comm & aural cues capability, automatic communications processor, & HAVE QUICK II & control loading. This effort will also include computer upgrade for the flight simulators. (FY92-94) Part of 3-phased simulator upgrade program encompassing C-141, C-5, KC-10, and KC-135 simulators with a new, state-of-the-art visual simulator and motion base. These upgrade efforts will allow AMC to move flying proficiency training from the more expensive aircraft to the simulator. Projected savings across all weapon systems when the upgrade is complete is approximately \$34M. This program supports AMC C-MNS 001-93, MNS AMC 021-93, and ORD AMC 021-93 I/II/III (FY97-99). CPT upgrade adds control loading and visual display systems to enable the migration of lower value training tasks from the WST to the CPT (FY01).

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None required.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER	(10)	11.6											(3)	20.5				
SUPPORT-EQUIP																		
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE																		
INITIAL LEAD TIME -- 12 MONTHS																		
FOLLOW-ON LEAD TIME -- 12 MONTHS																		

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FACT SHEET: KC-10 MN-SIM-10 SIMULATOR UPGRADE (KC-10) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER	(2)	5.0								37.1
SUPPORT-EQUIP										
TOTAL COST (BP-1100)		5.0								37.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-92	FY-93	FY-94							
CONTRACT-DATE (QTR/FY)	4/94	4/94	4/94							
DELIVERY-DATE (QTR/FY)	4/95	4/95	4/95							

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	
APPROPRIATION/BUDGET ACTIVITY						FEBRUARY 1997	
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						P-1 ITEM NOMENCLATURE: C-12	
	1996	1997	1998	1999	2000	2001	2002
COST (In Mil)	\$3.142	\$11.023	\$4.680	\$3.365	\$0.990	\$0.098	\$0.459
							\$0.448

This line item funds modifications to the C-12 aircraft, commercial equivalent Beech Craft Super King Air. The C-12 is a twin-turboprop, support-airlift aircraft used to transport cargo and passengers. The major modifications budgeted in FY98 are the Flight Data Recorder/Cockpit Voice Recorder (FDR/CVR) and the Traffic Alert & Collision Avoidance System (TCAS). The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149F	FLIGHT DATA RECORDER & COCKPIT	2.1		0.9							3.0
	3149T	TRAFFIC ALERT & COLLISION AVOID		2.4	2.6	1.6	0.2					6.8
	3150	NAVSTAR GLOBAL POSITIONING SYS	1.1	7.0	1.2	0.3						10.7
	99999S	SERVICE BULLETINS	0.1	1.6		1.5	0.8	0.1	0.5	0.4		5.1
	99999X	LOW COST MODIFICATIONS	0.1									0.6
	288888	REPROGRAMMINGS	-0.3									-0.1
		CLASS P TOTAL FOR C-12	3.1	11.0	4.7	3.4	1.0	0.1	0.5	0.4		
		TOTAL FOR C-12	3.1	11.0	4.7	3.4	1.0	0.1	0.5	0.4		

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 047	PAGE NO.	564
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DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER MN-3149F
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-12 CLASS P
MODELS OF AIRCRAFT AFFECTED: C-12, DV AIRCRAFT
CENTER: OC-ALC
PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the C-12 Navigation and Safety upgrades on Air Force aircraft designated for DV passenger missions. The Flight Data Recorder and the Cockpit Voice Recorder will provide a valuable aid in providing post-mishap information concerning the pre-mishap pilot actions and aircraft system status. The modification is IAW SECDEF 26 Apr 96 letter requiring "navigation and safety upgrades for the 89th Airlift Wing, Distinguished Visitor (DV) and Operational Support Airlift (OSA) aircraft." The Flight Data Recorder is a Loral Fairchild F1000 and the Cockpit Voice Recorder is a Loral Fairchild A100S.

AIRCRAFT BREAKDOWN: Active -- 36 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			25	0.9			11	0.3				
KITS NONRECUR												
EQUIPMENT			(25)	0.7			(11)	0.3				
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER				0.5								
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 25 KITS					(25)	0.3						
FY-98 11 KITS					(11)	0.1						
TOTAL INSTALL QTY/COST							36	0.4				
TOTAL COST (BP-1100)			25	2.1			11	0.9				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TERM												
INITIAL LEAD TIME -- 9 MONTHS												
FOLLOW-ON LEAD TIME -- 3 MONTHS												

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*** UNCLASSIFIED ***

FACT SHEET: C-12 MN-3149F FLIGHT DATA RECORDER & COCKPIT VOICE RECORDER (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									36	1.2
KITS NONRECUR										
EQUIPMENT										1.0
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.5
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-96 25 KITS									(25)	0.3
FY-98 11 KITS									(11)	0.1
TOTAL INSTALL QTY/COST									36	0.4
TOTAL COST (BP-1100)									36	3.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98										
CONTRACT-DATE (QTR/FY)	2/97									
DELIVERY-DATE (QTR/FY)	1/98									

INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98			
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4			
INPUT				7 7 7 11		
OUTPUT				7 7 7 11		

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T
MODELS OF AIRCRAFT AFFECTED: C-12, DV AIRCRAFT
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS C-12
CLASS P
CENTER: OC-ALC
PE 0401314F
TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the C-12 Navigation and Safety upgrades on Air Force aircraft designated for DV passenger missions. The Traffic Alert and Collision Avoidance System (TCAS) will provide a display for inbound aircraft traffic and provides both visual display corrective action and audible warning. The modification is IAW SECDEF 26 Apr 96 letter requiring "navigation and safety upgrades for the 89th Airlift Wing, Distinguished Visitor (DV) and Operational Support Airlift (OSA) aircraft." The modification consist of Bendix King CAS 66A TCAS I system. This modification could be upgraded at some future time to TCAS II.

AIRCRAFT BREAKDOWN: Active -- 36 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD4E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR			10	1.0	15	1.2	11	0.5				
EQUIPMENT			(10)	1.0	(15)	1.2	(11)	0.5				
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 10 KITS					(10)	0.3	(15)	0.6			(11)	0.2
FY-98 15 KITS												
FY-99 11 KITS												
TOTAL INSTALL QTY/COST												
			10	2.4	15	2.6	11	1.6				0.2
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT FIELD TEAM
INITIAL LEAD TIME -- 10 MONTHS
FOLLOW-ON LEAD TIME -- 10 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: C-12 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-97 10 KITS

FY-98 15 KITS

FY-99 11 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-96	FY-97	FY-98	FY-99	FY-00
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CONTRACT-DATE (QTR/FY)

DELIVERY-DATE (QTR/FY)

INSTALLATION SCHEDULE:

QUARTERS

INPUT

OUTPUT

*** UNCLASSIFIED ***

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: C-12
DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam resistant, three dimensional position, velocity and time data, worldwide in all weather to improve mission effectiveness. Supports procurement of navigation and safety upgrades on 89th Airlift Wing Distinguished Visitor (DV) and Operational Support Airlift (OSA) aircraft. Accelerates GPS integration and installation of user equipment kits on all C-12 aircraft. Completion of 36 aircraft in FY97.
AIRCRAFT BREAKDOWN: Active -- 36 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: None. No RDT&E required.
PROJECTED FINANCIAL PLAN

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-12 CLASS P
CENTER: OC-ALC
PE 0401314F TEAM MOBIL

EXHIBIT F3A CONGRESSIONAL
PE 0401314F TEAM MOBIL

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	2	0.2	1	0.2	17	1.3	16	0.6				
KITS NONRECUR												
EQUIPMENT	(2)	0.7	(1)	0.7	(17)	5.5	(16)	0.6				
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.2		0.2								
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-95 2 KITS					(2)	0.1						
FY-96 1 KITS					(1)							
FY-97 17 KITS					(17)	0.2			(16)	0.3		
FY-98 16 KITS												
TOTAL INSTALL QTY/COST												
	2	1.1	1	1.1	20	0.3	16	0.3	16	0.3		
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 6 MONTHS												
FOLLOW-ON LEAD TIME -- 3 MONTHS												

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: C-12 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									36	2.3
KITS NONRECUR										
EQUIPMENT										7.4
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.4
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-95 2 KITS							(2)			0.1
FY-96 1 KITS							(1)			0.0
FY-97 17 KITS							(17)			0.2
FY-98 16 KITS							(16)			0.3
TOTAL INSTALL QTY/COST									36	0.6
TOTAL COST (BP-1100)									36	10.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										

MILESTONES

	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	3/96	3/96	1/97		
DELIVERY-DATE (QTR/FY)	1/97	4/96	2/97		
INSTALLATION SCHEDULE:					
QUARTERS	1	2	3	4	1
INPUT					
OUTPUT					

*** UNCLASSIFIED ***

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: C-18							
	1996	1997	1998	1999	2000	2001	2002	2003			
COST (In Mil)	\$2.597	\$1.082	\$0.272	\$0.367	\$0.375	\$0.384	\$0.921	\$0.897			

This line item funds modifications to the C-18 aircraft. The C-18, a modified Boeing 707, is a long range, four engine, jet transport aircraft. The C-18 is used to support Space and Missile Missions. The major modification budgeted in FY98 is to fund service bulletins necessary for reliability and maintainability, safety, and mission performance.

MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
3150	NAVSTAR GLOBAL POSITIONING SYS	2.4	1.1								5.2
9999S	SERVICE BULLETINS	0.2		0.2	0.4	0.4	0.3	0.8	0.8		3.1
9999X	LOW COST MODIFICATIONS			0.1			0.1	0.1	0.1		4.6
	CLASS P TOTAL FOR C-18	2.6	1.1	0.3	0.4	0.4	0.4	0.9	0.9		
	TOTAL FOR C-18	2.6	1.1	0.3	0.4	0.4	0.4	0.9	0.9		

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 048	PAGE NO.	571
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: C/EC-18
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-18 CLASS P
PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness.

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR 1.0 2 0.4 1 0.2
EQUIPMENT (2) 1.5 (1) 0.4
EQUIP NONREC 0.8
CHANGE ORDERS
DATA 0.5

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-96 2 KITS (2) 0.3
FY-97 1 KITS (1) 0.2

TOTAL INSTALL QTY/COST

1.8 2 2.4 1 1.1

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: C-18 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									3	0.6
KITS NONRECUR										1.0
EQUIPMENT										1.9
EQUIP NONREC										0.8
CHANGE ORDERS										0.5
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-96 2 KITS									(2)	0.3
FY-97 1 KITS									(1)	0.2
TOTAL INSTALL QTY/COST									3	0.5
TOTAL COST (BP-1100)									3	5.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-95										
FY-96										
FY-97										
FY-98										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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*** UNCLASSIFIED ***

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										P-1 ITEM NOMENCLATURE: C-20 MODS	
	1996	1997	1998	1999	2000	2001	2002	2003			
COST (In Mil)	\$14.139	\$6.909	\$6.535	\$2.461	\$0.524	\$0.482	\$1.104			\$1.076	

This line item funds modifications to the C-20 aircraft, commercial equivalent Gulfstream III/IV. The C-20 aircraft is a twin-engine, turboprop aircraft used to airlift DOD officials and high-ranking government personnel over long distances (3,000 miles). The major modifications budgeted in FY98 are the Global Positioning System (GPS) and the Traffic Alert & Collision Avoidance System (TCAS). The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149T	TRAFFIC ALERT & COLLISION AVOID	2.0	1.2	0.9							4.1
	3150	NAVSTAR GLOBAL POSITIONING SYS	11.4	5.0	4.0	2.0						27.2
	99999S	SERVICE BULLETINS	0.4	0.4	1.6	0.4	0.4	0.4	1.1	1.1		5.7
	99999X	LOW COST MODIFICATIONS	0.3	0.3	0.1	0.1	0.1	0.1				2.9
		CLASS P TOTAL FOR C-20	14.1	6.9	6.5	2.5	0.5	0.5	1.1	1.1		
		TOTAL FOR C-20	14.1	6.9	6.5	2.5	0.5	0.5	1.1	1.1		

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 049	PAGE NO.	574
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM MN-3149T
MODELS OF AIRCRAFT AFFECTED: C-20, DV AIRCRAFT
DESCRIPTION/JUSTIFICATION: The Traffic Alert and Collision Avoidance System (TCAS) II will provide a display for inbound aircraft traffic and provides both visual display corrective action and audible warning. FAA mandated all transport category aircraft are modified with TCAS. All civilian transport aircraft are modified with TCAS and air traffic control to prevent a possible aircraft mishap.

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-20 CLASS P
CENTER: OC-ALC
PE 0401314F TEAM MOBIL

AIRCRAFT BREAKDOWN: Active -- 8 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RD7&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS				4	0.2		4	0.2										
KITS NONRECUR					0.7													
EQUIPMENT				(4)	0.8		(4)	0.8										
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-96 4 KITS				(4)	0.2		(4)	0.2		(4)	0.9							
FY-97 4 KITS																		
TOTAL INSTALL QTY/COST				4	2.0		4	1.2		4	0.9		4	0.9				
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

EACT SHEET: C-20 MN-3149T TRAFFIC ALERT & COLLISION AVOIDANCE SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)									8	0.4
INSTALL KITS										0.7
KITS NONRECUR										1.6
EQUIPMENT										
EQUIP NONREC										0.3
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-96 4 KITS							(4)			0.2
FY-97 4 KITS							(4)			0.9
TOTAL INSTALL QTY/COST									8	1.1
TOTAL COST (BP-1100)									8	4.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98							
CONTRACT-DATE (QTR/FY)	1/96	1/97								
DELIVERY-DATE (QTR/FY)	1/97	3/97								
INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98							
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4							
INPUT	1 1 1 1	1 1 1 1	1 1 1 1							
OUTPUT										

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: C-20
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS C-20
PE 0401314F
TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness.

AIRCRAFT BREAKDOWN: Active -- 10 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	FY-96			FY-97			FY-98			FY-99			FY-00		
	PRIOR QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY
RDT&E (3600)															
PROCUREMENT (3010)															
INSTALL KITS			4	5.1	3	2.0	3	1.7							
KITS NONRECUR	4.8														
EQUIPMENT			(4)	5.1	(3)	2.0	(3)	1.7							
EQUIP NONREC															
CHANGE ORDERS															
DATA				1.2											
SIM/TRAINER															
SUPPORT-EQUIP															
INSTALLATION OF HARDWARE															
FY-96 4 KITS					(4)	1.0	(3)	0.6			(3)	0.5			
FY-97 3 KITS															
FY-98 3 KITS															
TOTAL INSTALL QTY/COST															
TOTAL COST (BP-1100)			4	11.4	3	5.0	3	4.0							
(TOTALS MAY NOT ADD DUE TO ROUNDING.)															
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS															
INITIAL LEAD TIME -- 18 MONTHS															
FOLLOW-ON LEAD TIME -- 6 MONTHS															

*** UNCLASSIFIED ***

FACT SHEET: C-20 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDTE (3600)

PROCUREMENT (3010)

INSTALL KITS									10	
KITS NONREC										8.8
EQUIPMENT										4.8
EQUIP NONREC										8.8
CHANGE ORDERS										
DATA										2.7

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-96	4	KITS							(4)	1.0
FY-97	3	KITS							(3)	0.6
FY-98	3	KITS							(3)	0.5

TOTAL INSTALL QTY/COST

									10	2.1
									10	27.2

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	2/95	2/96	2/97	2/98		
DELIVERY-DATE (QTR/FY)	4/96	1/97	1/98	1/99		

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					1	1	1	1	1	1	1	1
OUTPUT									1	1	1	1

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4
INPUT				
OUTPUT	1			

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*** UNCLASSIFIED ***

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS			P-1 ITEM NOMENCLATURE: VC-25A MOD						
	1996	1997	1998	1999	2000	2001	2002	2003	
COST (In Mil)	\$9.446	\$0.937	\$10.760	\$1.058	\$0.775	\$0.794	\$0.828	\$0.897	

This line item funds modifications to the VC-25 aircraft. The VC-25, a Boeing 747-200B, is a four engine long-range aircraft used for presidential support. The major modifications budgeted in FY98 is the Global Positioning System (GPS) and the Windshear Warning System (VWS). The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3149W	WINDSHEAR WARNING SYSTEM (VWS)	3.5	0.2	0.1							3.8
	3150	NAVSTAR GLOBAL POSITIONING SYS	8.0		1.5	0.3						9.8
	9709	GLOBAL AIR TRAFFIC MANAGEMENT			8.5							8.5
	9999S	SERVICE BULLETINS	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.9		9.9
	288888	REPROGRAMMINGS	-2.7									-2.7
		CLASS P TOTAL FOR C-25	9.4	0.9	10.8	1.1	0.8	0.8	0.8	0.9		
		TOTAL FOR C-25	9.4	0.9	10.8	1.1	0.8	0.8	0.8	0.9		

Totals may not add due to rounding.

P-1 SHOPP LIST
ITEM NO. 050

PAGE NO.

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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: WINDSHEAR WARNING SYSTEM (WWS) MN-3149W
MODELS OF AIRCRAFT AFFECTED: VC-25
CENTER: OC-ALC
PE 0401314F TEAM MOBIL
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS P
DESCRIPTION/JUSTIFICATION: The airborne low-altitude Windshear Warning System (WWS) will provide an audible and visual warning of windshear, when it affects the aircraft and requires pilot to take evasive maneuvers at once. FAA mandated all transport category aircraft manufactured before 3 Jan 91 to be modified with WWS. Modification will incorporate the Allied Signal/Sundstrand Mark VII GPWS with Windshear Warning System.
AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			2	2.2								
KITS NONRECUR				0.5								
EQUIPMENT			(2)	0.6								
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.2		0.1						
STM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE					(1)	0.1 (1)	0.1					
FY-96 2 KITS					1	0.1	1	0.1				
TOTAL INSTALL QTY/COST						0.2		0.1				
TOTAL COST (BP-1100)			2	3.5								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 3 MONTHS												
FOLLOW-ON LEAD TIME -- 3 MONTHS												

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*** UNCLASSIFIED ***

FACT SHEET: C-25 MN-3149W WINDSHEAR WARNING SYSTEM (WWS) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									2	2.2
KITS NONRECUR										0.5
EQUIPMENT										0.6
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.3
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-96 2 KITS							(2)			0.2
TOTAL INSTALL QTY/COST									2	0.2
TOTAL COST (BP-1100)									2	3.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98							
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT						1				
OUTPUT							1			

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: VC-25A
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-25 CLASS P
PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space based radio navigation system that will provide highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness. Modification will install a Commercial Global Positioning System (GPS) with P-Y coded capability. The modification will upgrade the FMS, incorporate a communications management unit (CMU), and replace EFIS-10 displays with new LCD flat panel displays.

AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	0.5			1	0.5				
KITS NONREC				5.7								
EQUIPMENT			(1)	0.8			(1)	0.8				
EQUIP NONREC												
CHANGE ORDERS												
DATA				1.0								
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE							(1)	0.2	(1)	0.3		
FY-96 1 KITS												
FY-98 1 KITS												
TOTAL INSTALL QTY/COST							1	0.2	1	0.3		
TOTAL COST (BP-1100)			1	8.0			1	1.5		0.3		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 20 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-25 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									2	1.0
KITS NONRECUR										5.7
EQUIPMENT										1.6
EQUIP NONREC										
CHANGE ORDERS										
DATA										1.0
SIM/TRAINER										
SUPPORT-EQUIP										
OGC										
INSTALLATION OF HARDWARE										
FY-96 1 KITS							(1)		(1)	0.2
FY-98 1 KITS							(1)		(1)	0.3
TOTAL INSTALL QTY/COST									2	0.5
TOTAL COST (BP-1100)									2	9.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98 FY-99										
CONTRACT-DATE (QTR/FY)	4/96									
DELIVERY-DATE (QTR/FY)	2/98									
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT						1			1	
OUTPUT										1

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: GLOBAL AIR TRAFFIC MANAGEMENT (GATM) MN-9709
MODELS OF AIRCRAFT AFFECTED: VC-25
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-25 CLASS P
PE 0401314F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: GATM will preserve DoD access to prime global airspace routes into the 21st Century by equipping our military aircraft with state of the art systems to meet the requirements of the evolving international air traffic management system.

AIRCRAFT BREAKDOWN: Active -- 1 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: None. No RDT&E required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS							1	1.5				
KITS NONRECUR							(1)	3.0				
EQUIPMENT								2.0				
EQUIP NONREC												
CHANGE ORDERS												
DATA								1.0				
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE							(1)	1.0				
FY-98 1 KITS							1	1.0				
TOTAL INSTALL QTY/COST							1	8.5				
TOTAL COST (BP-1100)												

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CLS

INITIAL LEAD TIME -- 3 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: C-25 MN-9709 GLOBAL AIR TRAFFIC MANAGEMENT (GATM) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
	QTY	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS					1	1.5
KITS NONRECUR						3.0
EQUIPMENT						2.0
EQUIP NONREC						
CHANGE ORDERS						
DATA						1.0

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-98	1				(1)	1.0
KITS						
TOTAL INSTALL QTY/COST					1	1.0

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	1/98	
DELIVERY-DATE (QTR/FY)	2/98	

INSTALLATION SCHEDULE: FY-96 FY-97 FY-98

QUARTERS	1	2	3	4	1	2	3	4
INPUT						1		
OUTPUT							1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						P-1 ITEM NOMENCLATURE: C-130	
	1996	1997	1998	1999	2000	2001	2002
COST (in Mil)	\$84.035	\$101.686	\$94.511	\$104.551	\$134.463	\$135.322	\$81.462
							2003

This line item funds modifications to the C-130 aircraft. The four engine C-130 provides theater airlift and carries either 92 troops, 64 paratroopers, 74 litter patients, or 6 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
	P-S	99999A	LOW COST SAFETY MODIFICATIONS						0.6		0.1		0.7
			CLASS P-S TOTAL FOR C-130						0.6		0.1		
P		12603B	APQ-122 RADAR REPLACEMENT	5.3	1.7	2.6							126.4
		17605B	AUTOPILOT/GCAS	24.6	25.5	23.4	40.7	43.3	13.9	8.7			251.6
		18600B	ELECTRICAL SYSTEM UPGRADE	11.7	16.1	14.7	24.2	20.9	9.0	1.0	0.2		115.5
		18603B	FUEL QTY SYS UPGRADE ON C-130H	0.1	2.6	4.3	1.9	2.0	1.9	1.5			22.5
		3150	NAVSTAR GLOBAL POSITIONING SYS	14.2	21.4	9.2	2.6	1.2					83.0
		3190	SCNS	5.0	4.4	4.5							347.3
		3353	HF AUTO COMM PROCESSOR (ACP)	3.8	2.2	2.7	0.4						44.4
		3455	AIRLIFT DEFENSIVE SYSTEMS	0.3	6.3	3.7	3.8	6.1	6.1	2.1	3.1	25.0	107.4
		3458	ABCCC MODIFICATIONS	7.0									14.8
		8109	ARMOR PLATING		0.6								5.2
		8220	ALR-69 (RWR)	5.9	1.3		8.6	34.8	30.0	8.3	8.8	3.4	132.8
		8385	AN/AAQ-22M	4.0	0.4								4.4
		8424	AERSPACE RESCUE AND RECOVERY		9.4	14.4	14.1						37.8
		8448	BLEED AIR DUCT REPLACEMENT			0.5	0.8	2.2	1.5	0.9			5.9
		8455	SKI EQUIPMENT		5.5								5.5
		99999G	MISC LOW COST MODS FOR ANG			0.5							0.5
		99999M	MISC SIMULATOR UPDATES			0.1	0.1						0.2
		99999S	SERVICE BULLETINS						1.9				2.3
		99999X	LOW COST MODIFICATIONS						0.1				1.8
		ABC033	BROADCAST INTELLIGENCE	0.2	0.2								7.2
		ATCALS	TRAFFIC CONTROL/APPROACH/LANDI										18.6
		COMRAS	COMPASS CALL	2.0				4.6	4.6	4.7	4.7		10.0
		COMREP	C-130H COMPASS REPLACEMENT			0.5	0.1	13.3	24.6	14.1	21.6	10.2	84.3
		EC130J	EC130J SPECIAL MISSION								21.0		21.0
		RADAR	APN-59 RADAR REPLACEMENT				7.2	6.0	41.1	40.3	53.0	38.8	186.4
		TIBS	TIBS			4.1							4.1

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 051		PAGE NO.	586
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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE		FEBRUARY 1997			
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										P-1 ITEM NOMENCLATURE: C-130					
	1996	1997	1998	1999	2000	2001	2002	2003							
COST (In Mil)	\$84.035	\$101.686	\$94.511	\$104.551	\$134.463	\$135.322	\$81.462		\$112.581						

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
WC130J	P	288888	WC130J SPECIAL MISSION REPROGRAMMINGS			13.5							13.5
			CLASS P	84.0	101.7	94.5	104.6	134.5	134.8	81.5	112.5	77.4	0.6
			TOTAL FOR C-130	84.0	101.7	94.5	104.6	134.5	135.3	81.5	112.6	77.4	
			TOTAL FOR C-130										

Totals may not add due to rounding.

		P-1 SHOPP LIST ITEM NO. 051	PAGE NO.	UNCLASSIFIED		587
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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: APQ-122 RADAR REPLACEMENT MN-12603B
MODELS OF AIRCRAFT AFFECTED: C-130E
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

CENTER: WR-ALC
PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Presently the APQ-122(V)1, is installed on the C-130E Adverse Weather Aerial Delivery System (AWADS) aircraft. The modification needs to be accomplished due to the low reliability (12-18 hours MTBF). The lack of bits and pieces and of repairable assemblies has resulted in intensive management of the APQ-122 system by the depot. Modification would result in a system with field demonstrated Mean Time Between Failure (MTBF) of 150 hours. FY92 ECP will include LPI (Low Probability of Intercept) implementation in sector scan. PMD 6211(2)/12603B. 90 Mod Install (\$2.250).

AIRCRAFT BREAKDOWN: Active -- 50 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete. FY 93-94 ICS are firm fixed priced options.

PROJECTED FINANCIAL PLAN

RDTE (3600)

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
PROCUREMENT (3010)						
INSTALL KITS	49	4.8				
KITS NONREC	1	7.1				
EQUIPMENT	(49)	29.0				
EQUIP NONREC	(1)	29.0				
CHANGE ORDERS		7.4				
DATA		4.4				
STM/TRAINER		4.4				
SUPPORT-EQUIP		21.9				
ICS		8.9				
FLIGHT TEST						
OGC						

INSTALLATION OF HARDWARE

FY-87	2	KITS				
FY-88	16	KITS				
FY-89	24	KITS				
FY-90	8	KITS				
	(50)					
TOTAL INSTALL QTY/COST	50					
TOTAL COST (BP-1100)	50	116.9				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)						
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM						
INITIAL LEAD TIME -- 28 MONTHS						
FOLLOW-ON LEAD TIME -- 60 MONTHS						

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FACT SHEET: C-130 MN-12603B APQ-122 RADAR REPLACEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									49	4.8
KITS NONRECUR									1	7.1
EQUIPMENT										29.0
EQUIP NONREC										29.0
CHANGE ORDERS										7.4
DATA										4.4
SIM/TRAINER										4.4
SUPPORT-EQUIP										23.8
ICS										16.1
FLIGHT TEST										0.0
OGC										0.4
INSTALLATION OF HARDWARE										
FY-87 2 KITS										
FY-88 16 KITS										
FY-89 24 KITS										
FY-90 8 KITS									(50)	
TOTAL INSTALL QTY/COST									50	
TOTAL COST (BP-1100)									50	126.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-87										
FY-88										
FY-89										
FY-90										
CONTRACT-DATE (QTR/FY)	4/87	1/88	1/89	1/90						
DELIVERY-DATE (QTR/FY)	2/90	1/93	2/93	4/93						

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FACT SHEET: C-130 MN-12603B APQ-122 RADAR REPLACEMENT
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

INSTALLATION SCHEDULE: FY-87 FY-88 FY-89 FY-90 FY-91
 QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4
 INPUT
 OUTPUT

INSTALLATION SCHEDULE: FY-92 FY-93 FY-94 FY-95 FY-96
 QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4
 INPUT
 OUTPUT

INSTALLATION SCHEDULE: FY-97
 QUARTERS 1 2 3 4
 INPUT
 OUTPUT

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AUTOPILOT/GCAS MN-17605B
MODELS OF AIRCRAFT AFFECTED: ALL C-130
CENTER: WR-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The present C-130 Autopilot has been in service since the late 1950s. The tube technology is obsolete and unsupportable due to the lack of replacement parts. A special production line is required to produce the tubes which are extremely expensive and unreliable. Current mission requirements involve overwater flights and air refueling which require a reliable Autopilot to sustain automatic flight control to alleviate aircrew fatigue and improve aircrew capability in accomplishing contingency and unconventional warfare tasks. The system includes Ground Collision Avoidance System (GCAS) capability. PMD 17605B/2264(4).

AIRCRAFT BREAKDOWN: Active -- 315 RES -- 151 ANG -- 231

DEVELOPMENT STATUS: CCB Aug 88. Flight test, Jan 1995. The installation schedule below shows two kits being installed in FY94. The second kit is for GCAS only and is purchased with FY94 dollars, but will be delivered in 3rd qtr FY94. This kit is off the shelf and does not require the 12 months leadtime. QT&E on C-130E AWADS completed. (253-GCAS/GCAS Retro, 444-Autopilot/GCAS, Total 697). Kitproof of AWADS, May 96. OT&E, Jun 96.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	103	1.1	148	5.9	108	6.8	76	1.1	112	11.4	140	13.6
KITS NONREC	9	5.9					1	1.7				
EQUIPMENT	(103)	4.5	(148)	15.4	(108)	14.3	(76)	2.7	(112)	20.4	(140)	23.2
EQUIP NONREC	(9)	33.7					(1)	3.7				
CHANGE ORDERS		0.6						0.6				0.5
DATA		4.7						0.5				
SIM/TRAINER	(11)	6.1		0.5								
SUPPORT-EQUIP		6.2								0.3		0.5
SOFTWARE		6.2								0.2		
WARRANTY		0.5		0.3		0.7		0.8				
FLIGHT TEST		0.2		0.4				0.1				
OGC				0.1		0.2		0.2				0.2
INSTALLATION OF HARDWARE												
FY-92 1 KITS	(1)			2.1	(4)	0.4	(1)		(2)	0.1		
FY-94 111 KITS	(43)	1.8	(61)		(36)	3.1	(98)	8.0	(14)	0.4		
FY-96 148 KITS							(52)	4.0	(56)	5.6		
FY-97 108 KITS							(1)		(61)	2.2	(15)	0.8
FY-98 77 KITS											(45)	4.5
FY-99 112 KITS												
FY-00 140 KITS												
TOTAL INSTALL QTY/COST	44	1.8	61	2.1	40	3.5	152	12.0	133	8.3	60	5.3
TOTAL COST (BP-1100)	112	71.4	148	24.6	108	25.5	77	23.4	112	40.7	140	43.3

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FACT SHEET: C-130 MN-17605B AUTOPILOT/GCAS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-130 MN-17605B AUTOPILOT/GCAS
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

RDT&E (3600)									
	FY-01	FY-02	FY-03	TO COMP	TOTAL				
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
PROCUREMENT (3010)									
INSTALL KITS						687	39.9		
KITS NONRECUR						10	7.6		
EQUIPMENT							80.5		
EQUIP NONREC							37.4		
CHANGE ORDERS		1.9					3.6		
DATA							5.7		
SIM/TRAINER							6.1		
SUPPORT-EQUIP							7.0		
SOFTWARE							6.4		
WARRANTY							2.3		
FLIGHT TEST							0.7		
OGC							0.9		
INSTALLATION OF HARDWARE									
FY-92 1 KITS						(1)	0.0		
FY-94 111 KITS						(111)	4.3		
FY-96 148 KITS						(148)	11.5		
FY-97 108 KITS						(108)	9.6		
FY-98 77 KITS						(77)	3.0		
FY-99 112 KITS	(60)	6.0 (7)				(112)	11.2		
FY-00 140 KITS	(60)	6.0 (80)				(140)	14.0		
TOTAL INSTALL QTY/COST	120	12.0 87				697	53.6		
TOTAL COST (BP-1100)		13.9				697	251.6		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
CONTRACT-DATE (QTR/FY)	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
DELIVERY-DATE (QTR/FY)	3/92	4/94	3/95	3/96	2/97	2/98	1/99	1/00	1/01
INSTALLATION SCHEDULE:									
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS	1	2	3	4	1	2	3	4	1
INPUT									
OUTPUT									

*** UNCLASSIFIED ***

DATE 02/14/97
 FY 1998 PB
 MODIFICATION TITLE AND NO: ELECTRICAL SYSTEM UPGRADE MN-18600B
 MODELS OF AIRCRAFT AFFECTED: C-130E/H/N/P/U
 CENTER: WR-ALC
 PE 0401115F TEAM MOBIL
 EXHIBIT P3A CONGRESSIONAL
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC C-130 CLASS P

DESCRIPTION/JUSTIFICATION: The C-130 electrical power system was designed in the 1950's. On-board equipment in use then was relatively tolerant of electrical power fluctuations. Modern avionics systems, however, are dependent on solid-state circuits and computer support which makes them more susceptible to disruptive electrical transients/spikes within the system. The propeller synchrophaser, for example, has translated a low voltage condition into a loss of engine power resulting in over 30 flight mishaps from 1987 to 1989. The C-130 will continue to be a viable part of the airlift forces into the next century. The C-130 will need "clean" electrical power for all new modifications to operate properly and reliably. PMD 2264(2).

AIRCRAFT BREAKDOWN: Active -- 259 RES -- 113 ANG -- 171

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD7&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	20	2.2	55	6.2	64	7.6	108	10.1	179	15.5	89	8.0
KITS NONRECUR	4	10.6										
EQUIPMENT	(18)	0.3	(55)	0.4	(64)	0.4	(108)	1.7	(179)	2.0	(89)	0.4
EQUIP NONREC	(6)	1.9		2.4								0.2
CHANGE ORDERS		2.3										
DATA		2.6										
SIM/TRAINER						2.3						
SUPPORT-EQUIP												
FLIGHT TEST		0.1										
OGC				0.1		0.9		0.3		0.3		1.1
INSTALLATION OF HARDWARE												
FY-93 4 KITS	(4)		(2)	0.3	(18)	1.2						
FY-94 2 KITS					(55)	3.7						
FY-95 18 KITS												
FY-96 55 KITS												
FY-97 64 KITS							(32)	2.6	(32)	2.6	(32)	2.6
FY-98 108 KITS								(76)	3.8	(147)	8.6	
FY-99 179 KITS												
FY-00 89 KITS												
FY-01 15 KITS												
FY-02 9 KITS												
TOTAL INSTALL QTY/COST	4		2	0.3	73	4.9	32	2.6	108	6.4	179	11.2
TOTAL COST (BP-1100)	24	17.7	55	11.7	64	16.1	108	14.7	179	24.2	89	20.9

*** UNCLASSIFIED ***
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*** UNCLASSIFIED ***

FACT SHEET: C-130 MN-18600B ELECTRICAL SYSTEM UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-130 MN-18600B ELECTRICAL SYSTEM UPGRADE (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD16E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	15	0.9	9	0.5					539	51.1
KITS NONRECUR									4	10.6
EQUIPMENT	(15)		(9)							5.2
EQUIP NONREC										4.3
CHANGE ORDERS										2.5
DATA										2.6
SIM/TRAINER										2.3
SUPPORT-EQUIP										
FLIGHT TEST										0.1
OGC		0.2		0.1						2.9
INSTALLATION OF HARDWARE										
FY-93	4								(4)	0.0
FY-94	2								(2)	0.3
FY-95	18								(18)	1.2
FY-96	55								(55)	3.7
FY-97	64								(64)	5.2
FY-98	108								(108)	6.4
FY-99	179	2.6							(179)	11.2
FY-00	89	5.3							(89)	5.3
FY-01	15		(15)	0.3					(15)	0.3
FY-02	9				(9)	0.2			(9)	0.2
TOTAL INSTALL QTY/COST	121	7.9	15	0.3	9	0.2			543	33.9
TOTAL COST (BP-1100)	15	9.0	9	1.0		0.2			543	115.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-92			FY-93		FY-94		FY-95		FY-96	
CONTRACT-DATE (QTR/FY)		3/94		3/94		3/94		3/96		1/97
DELIVERY-DATE (QTR/FY)		3/95		4/95		3/97		3/99		3/00
										1/01
										1/02
										3/02
										1/03

*** UNCLASSIFIED ***

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FACT SHEET: C-130 MN-18600B ELECTRICAL SYSTEM UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

INSTALLATION SCHEDULE:		FY-92		FY-93		FY-94		FY-95		FY-96	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT											
OUTPUT											
INSTALLATION SCHEDULE:		FY-97		FY-98		FY-99		FY-00		FY-01	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT											
OUTPUT											
INSTALLATION SCHEDULE:		FY-02		FY-03							
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4						
INPUT											
OUTPUT											

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: FUEL QTY SYS UPGRADE ON C-130H MN-18603B
MODELS OF AIRCRAFT AFFECTED: EC-130H/C130H
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
CENTER: WR-ALC
PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modification upgrades the fuel quantity system on early E/C-130H aircraft by installing externally mounted fuel probes, digital fuel quantity indicators and associated wiring. This increases reliability to an MTBF of 3,500 hours and saves an estimated 90 hours per probe when trouble shooting the system. PMD 0911(1).
AIRCRAFT BREAKDOWN: Active -- 60 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete. Installation procedures being re-worked.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	33	2.6							6	0.5	10	0.8
KITS NONRECUR	1	0.6			0.1		1.0		(6)	0.4	(10)	0.6
EQUIPMENT	(33)	1.7		0.1								
EQUIP NONREC	(1)	0.1					0.3					
CHANGE ORDERS												
DATA					0.1	(1)	1.0					
SIM/TRAINER												
SUPPORT-EQUIP												
TOOLING		0.2										
OGC												
INSTALLATION OF HARDWARE												
FY-92	3	0.1			(1)							
FY-93	11	1.3			(6)							
FY-94	20	1.6			(1)		2.0	(7)	1.0	(6)		0.6
FY-99	6											
FY-00	10											
FY-01	10											
TOTAL INSTALL QTY/COST	13	3.0			8	2.4	6	2.0	7	1.0	6	0.6
TOTAL COST (BP-1100)	34	8.2		0.1		2.6		4.3	6	1.9	10	2.0

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 18 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

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FACT SHEET: C-130 MN-18603B FUEL QTY SYS UPGRADE ON C-130H (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

RD6E (3600)

		FY-01		FY-02		FY-03		TO COMP		TOTAL	
		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
PROCUREMENT (3010)											
INSTALL KITS		10	0.8							59	4.7
KITS NONRECUR		(10)	0.6							1	1.7
EQUIPMENT											3.4
EQUIP NONREC											0.1
CHANGE ORDERS											0.3
DATA											0.1
SIM/TRAINER											1.0
SUPPORT-EQUIP											0.2
TOOLING											0.0
OGC											
INSTALLATION OF HARDWARE											
FY-92	3 KITS									(3)	0.3
FY-93	11 KITS									(11)	3.3
FY-94	20 KITS									(20)	4.8
FY-99	6 KITS									(6)	0.6
FY-00	10 KITS	(5)	0.5	(5)	0.5					(10)	1.0
FY-01	10 KITS	(10)	1.0	(10)	1.0					(10)	1.0
TOTAL INSTALL QTY/COST		5	0.5	15	1.5					60	11.0
TOTAL COST (BP-1100)		10	1.9							60	22.5

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

		FY-92		FY-93		FY-94		FY-95		FY-96		FY-97		FY-98		FY-99		FY-00		FY-01		FY-02	
		QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR
CONTRACT-DATE (QTR/FY)		2/92	2/93	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94	2/94
DELIVERY-DATE (QTR/FY)		4/93	4/94	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95	4/95
INSTALLATION SCHEDULE:																							
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
INPUT																							
OUTPUT																							

		FY-97		FY-98		FY-99		FY-00		FY-01		FY-02	
		QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR
INSTALLATION SCHEDULE:													
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1
INPUT													
OUTPUT													

		FY-02		FY-03		FY-04		FY-05		FY-06	
		QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR	QTR
INSTALLATION SCHEDULE:											
QUARTERS	1	2	3	4	1	2	3	4	1	2	3
INPUT											
OUTPUT											

*** UNCLASSIFIED ***

DATE 02/14/97
 FY 1998 PB
 MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
 MODELS OF AIRCRAFT AFFECTED: ALL MODELS OF C-130
 CENTER: WR-ALC
 PE 0401115F TEAM MOBIL
 EXHIBIT P3A CONGRESSIONAL
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC C-130 CLASS P

DESCRIPTION/JUSTIFICATION: The NAVSTAR Global Positioning System (GPS) is a space-based radio navigation system that will provide suitably equipped host vehicles with highly accurate, jam-resistant, three dimensional position, velocity, and time data, worldwide in all weather to improve mission effectiveness.

AIRCRAFT BREAKDOWN: Active -- 228 RES -- 120 ANG -- 212

DEVELOPMENT STATUS: RDT&E complete.

PROJECTED FINANCIAL PLAN

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONREC

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

SOFTWARE

FLIGHT TEST

OGC

INSTALLATION OF HARDWARE

FY-92 5 KITS

FY-94 76 KITS

FY-95 142 KITS

FY-96 142 KITS

FY-97 164 KITS

FY-98 31 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 9 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
221	2.5	142	1.5	164	2.0	31	0.2					
2	10.3											
(221)	16.1	(142)	10.4	(164)	15.5	(31)	2.9					
(2)	0.5											
	1.0											
	1.5											
	0.7											
	0.3											
	0.5											
	0.7											
	0.2											
	0.8											
	0.2											
	0.8											
	1.5											
	3.3											
	(142)											
	(142)											
	4.0											
	2.0											
	(93)											
	2.6											
	(31)											
	1.2											
	2.6											
	31											
	1.2											
	2.6											
	9.2											
	31											
	21.4											
	164											
	142											
	14.2											
	34.3											
	223											

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FACT SHEET: C-130 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RD7&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS									558	6.2		
KITS NONRECUR									2	10.3		
EQUIPMENT										44.9		
EQUIP NONREC										0.5		
CHANGE ORDERS										1.0		
DATA										1.5		
SIM/TRAINER										0.7		
SUPPORT-EQUIP										0.9		
SOFTWARE										1.2		
FLIGHT TEST										0.2		
OGC												
INSTALLATION OF HARDWARE												
FY-92 5 KITS									(5)	0.2		
FY-94 76 KITS									(76)	2.3		
FY-95 142 KITS									(142)	3.3		
FY-96 142 KITS									(142)	4.0		
FY-97 164 KITS									(164)	4.6		
FY-98 31 KITS									(31)	1.2		
TOTAL INSTALL QTY/COST									560	15.6		
TOTAL COST (BP-1100)									560	83.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
CONTRACT-DATE (QTR/FY)												
DELIVERY-DATE (QTR/FY)												
INSTALLATION SCHEDULE:												
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									2	3	7	7
OUTPUT									2	3	7	7
INSTALLATION SCHEDULE:												
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									2	3	7	7
OUTPUT									2	3	7	7

DATE 02/14/97
 FY 1998 PB
 MODIFICATION TITLE AND NO: SCNS MN-3190
 MODELS OF AIRCRAFT AFFECTED: C-130B/E/H/N/P
 MODIFICATION OF AIRCRAFT
 FY 1998 PROGRAM
 EXHIBIT P3A CONGRESSIONAL
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC C-130 CLASS P
 CENTER: WR-ALC
 PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Equips C-130 aircraft with a Self-Contained Navigation System (SCNS). The SCNS will enable C-130s to operate without external navigation aids, since in battle zones navigation aids are likely to be shut down or jammed. The SCNS will improve the C-130 mission success likelihood, particularly on low level missions. The SCNS will be procured as a single entity and will include: Inertial Navigation Unit (INU), doppler velocity sensor, cockpit display unit, and an air data computer. Data Transfer System (DTS) permits aircrews to pre-load mission data in ground facilities for digital transfer vs manual loading on aircraft saving many manhours. FY93 ECP's include dual inertial navigation system & OFP update. FY96/97/98 funds High Speed Processor upgrade to allow SCNS to function properly with on going and planned avionics, and software upgrades. FMD: 3115(3)/3190.

AIRCRAFT BREAKDOWN: Active -- 256 RES -- 120 ANG -- 173

DEVELOPMENT STATUS: Note: total kit procurements (539 kits), total installation line (400 kits), and total kits actually installed (549) differ because 10 kits were procured separately prior to FY87 thereby reducing the number of kits required to be purchased under this mod, and 139 kits were installed via O&I. In essence, of 549 kits available to install, only 400 were installed via Depot/Field Team.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RT&E (3600)

PROCUREMENT (3010)

INSTALL KITS	535	24.9										
KITS NONREC	4	14.4										
EQUIPMENT	(535)	133.1										
EQUIP NONREC	(1)	17.1										
CHANGE ORDERS		8.5										
DATA		6.0										
SIM/TRAINER		26.1										
SUPPORT-EQUIP		31.1										
BENCH MOCK-UP		7.2										
TOOLING/EAP		50.0										
ICS		6.7		5.0		4.4				4.5		
INSTAL		4.9										

INSTALLATION OF HARDWARE

FY-90 517 KITS	(418)											
FY-92 14 KITS	(14)	2.6										
FY-93 8 KITS	(7)	0.8										
TOTAL INSTALL QTY/COST	439	3.4										
TOTAL COST (BP-1100)	539	333.4				4.4				4.5		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 7 MONTHS

(CONTINUED)

FACT SHEET: C-130 MN-3190 SCNS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									535	24.9
KITS NONRECUR									4	14.4
EQUIPMENT										133.1
EQUIP NONREC										17.1
CHANGE ORDERS										8.5
DATA										6.0
SIM/TRAINER										26.1
SUPPORT-EQUIP										31.1
BENCH MOCK-UP										7.2
TOOLING/EAP										50.0
ICS										20.6
INSTALL										4.9
INSTALLATION OF HARDWARE									(418)	
FY-90 517 KITS									(14)	2.6
FY-92 14 KITS									(7)	0.8
FY-93 8 KITS										
TOTAL INSTALL QTY/COST									439	3.4
TOTAL COST (BP-1100)									539	347.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										

MILESTONES

	FY-90		FY-91		FY-92		FY-93		FY-94		FY-95		FY-96	
	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY
CONTRACT-DATE (QTR/FY)	1/90		3/93	4/94										
DELIVERY-DATE (QTR/FY)	3/90		3/94	3/95										
INSTALLATION SCHEDULE:														
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2
INPUT	1	14	27	37	31	39	48	37	41	51	25	29	23	24
OUTPUT	1	11	21	35	35	31	41	46	46	42	53	23	27	22
INSTALLATION SCHEDULE:														
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2
INPUT	8	2	3	3	2									
OUTPUT	4	8	2	3	3	2								

FACT SHEET: C-130 MN-3353 HF AUTO COMM PROCESSOR (ACP) (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD46E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									1267	7.6
KITS NONRECUR										0.4
EQUIPMENT										11.2
EQUIP NONREC										1.0
CHANGE ORDERS										11.6
DATA										7.4
SIM/TRAINER										1.7
SUPPORT-EQUIP										0.0
OGC										
INSTALLATION OF HARDWARE										
FY-90 43 KITS										
FY-91 36 KITS										
FY-92 349 KITS										
FY-93 243 KITS										
FY-94 104 KITS										
FY-96 216 KITS										
FY-97 204 KITS										
FY-98 72 KITS										
TOTAL INSTALL QTY/COST									480	3.4
TOTAL COST (BP-1100)									1267	44.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-90 FY-91 FY-92 FY-93 FY-94 FY-95 FY-96 FY-97 FY-98 FY-99										
CONTRACT-DATE (QTR/FY)	3/90	4/91	4/92	1/93	4/94	3/96	1/97	1/98		
DELIVERY-DATE (QTR/FY)	3/91	3/92	3/93	4/93	3/96	1/97	1/98	1/99		
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					29	10	60	60	49	15
OUTPUT					29	10	60	60	49	15

*** UNCLASSIFIED ***

DATE 02/14/97
 FY 1998 PB
 MODIFICATION TITLE AND NO: AIRLIFT DEFENSIVE SYSTEMS MN-3455
 MODELS OF AIRCRAFT AFFECTED: C-130, E, H
 CENTER: WR-ALC
 EXHIBIT P3A CONGRESSIONAL
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC C-130 CLASS P
 PE 0401115F TEAM MOBIL
 DESCRIPTION/JUSTIFICATION: The C-130 users have had long standing mission need for electronic warfare defensive systems which will improve
 aircraft survivability. The electronic warfare defensive systems will consist of a missile warning receiver, and a flare and chaff
 dispenser. BMD: 9246(2) C-MNS directed installation of ALQ-131 pod on 19 C-1302 (AWADS) and 10 AFRES C-130H aircraft. All ALQ-131 installs
 occurred in FY96/1.
 AIRCRAFT BREAKDOWN: Active -- 208 RES -- 18 ANG -- 71

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)		2.3										
PROCUREMENT (3010)												
INSTALL KITS	156	5.7			27	2.0	14	1.1	6	0.5	20	1.6
KITS NONREC	(1)	3.2										
EQUIPMENT	(156)	27.8			(27)	4.1	(14)	2.2	(6)	1.0	(20)	3.3
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.4										
SIM/TRAINER	(11)	0.3										
SUPPORT-EQUIP		4.2				0.1		0.4		0.1		0.1
FLIGHT TEST		0.4										
OGC												
INSTALLATION OF HARDWARE												
FY-92 18 KITS	(18)	1.7										
FY-93 30 KITS	(30)	2.2										
FY-94 102 KITS	(77)	5.1										
FY-95 6 KITS	(4)											
FY-97 27 KITS									(29)	2.3	(14)	1.2
FY-98 14 KITS												
FY-99 6 KITS												
FY-00 20 KITS												
FY-01 19 KITS												
FY-03 5 KITS												
FY-04 50 KITS												

TOTAL INSTALL QTY/COST	125	9.0	29	0.3					29	2.3	14	1.2
TOTAL COST (BP-1100)	156	51.0		0.3	27	6.3	14	3.7	6	3.8	20	6.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT FIELD TEAM												
INITIAL LEAD TIME -- 9 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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 *** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: C-130 MN-3455 AIRLIFT DEFENSIVE SYSTEMS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD4E (3600)

PROCUREMENT (3010)

INSTALL KITS	19	1.6			5	0.4	50	4.4	297	17.2
KITS NONRECUR										3.2
EQUIPMENT	(19)	3.2			(5)	0.9	(50)	9.0		51.5
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.4
SIM/TRAINER								4.0		4.3
SUPPORT-EQUIP		0.8		0.3		0.1		2.4		8.4
FLIGHT TEST										0.5
OGC										0.1

INSTALLATION OF HARDWARE

FY-92	18								(18)	1.7
FY-93	30								(30)	2.2
FY-94	102								(102)	5.3
FY-95	6								(4)	0.0
FY-97	27								(29)	2.3
FY-98	14								(14)	1.2
FY-99	6								(6)	0.5
FY-00	20								(20)	1.7
FY-01	19				(19)	1.7			(19)	1.7
FY-03	5						(5)	0.5	(5)	0.5
FY-04	50						(50)	4.7	(50)	4.7

TOTAL INSTALL QTY/COST

	6	0.5								21.8
	19	6.1								107.4

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06
CONTRACT-DATE (QTR/FY)	2/92	1/93	1/94	4/95	2/97	2/97	1/98			1/00		1/03	1/04		
DELIVERY-DATE (QTR/FY)	1/93	1/94	1/95	2/96	4/97	2/99	1/00		1/02	1/03		1/05	1/06		

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FACT SHEET: C-130 MN-3455 AIRLIFT DEFENSIVE SYSTEMS
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

INSTALLATION SCHEDULE: FY-92		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
QUARTERS																					
INPUT						3	5	5	5	8	8	7	7	19	19	19	20	24	7		
OUTPUT						3	5	5	5	8	8	7	7	19	19	19	20	24	7		
FY-93																					
FY-94																					
FY-95																					
FY-96																					
FY-97																					
FY-98																					
FY-99																					
FY-00																					
FY-01																					
FY-02																					
FY-03																					
FY-04																					
FY-05																					
FY-06																					

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ABCCC MODIFICATIONS MN-3458
MODELS OF AIRCRAFT AFFECTED: EC-130E
CENTER: ESC
PE 0207419F TERM INFO

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

DESCRIPTION/JUSTIFICATION: These modifications will ensure ABCCC interoperability with existing US/Allied theater C3 elements. Integration of JTIDS class 2 terminals into the ABCCC provides the capability to receive, process and display information interchanged over a JTIDS network. To meet the JCS requirement for three SATCOM systems per capsule, additional ARC-187 radios will be installed in existing capsules. Integration of AN/ARC-222 radio will provide secure anti-jam VHF FM SINGGARS-V communications with other battlefield elements. PMD: 5263(6)/2741GF. Converts Joint Tactical Information Distribution System (JTIDS) from Joint Message Standard (JMS) to Tactical Digital Information Link J (TADIL-J), the new DOD message standard. Replaces class 1 JTIDS with 2H JTIDS terminals.

AIRCRAFT BREAKDOWN: Active -- 14 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: The JTIDS first article is integrated into an operational system (A/C and capsule). SINGGARS first article scheduled to complete 2/97.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDY&E (3600)		8.1				1.9			0.3									
PROCUREMENT (3010)																		
INSTALL KITS	7	0.6		7														
KITS NONRECUR		0.3			0.2													
EQUIPMENT	(7)	1.7	(7)		5.6													
EQUIP NONREC		2.1			0.4													
CHANGE ORDERS																		
DATA		0.4			0.3													
SIM/TRAINER																		
SUPPORT-EQUIP		2.3																
INSTALLATION OF HARDWARE																		
FY-93 1 KITS	(1)	0.1																
FY-94 6 KITS	(6)	0.3																
FY-96 7 KITS	(7)	0.5																
TOTAL INSTALL QTY/COST	7	0.4		7	0.5													
TOTAL COST (BP-1100)	7	7.8		7	7.0													

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

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FACT SHEET: C-130 MN-3458 ABCCC MODIFICATIONS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									14	0.6
KITS NONRECUR										0.5
EQUIPMENT										7.3
EQUIP NONREC										2.5
CHANGE ORDERS										0.7
DATA										
SIM/TRAINER										2.3
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-93 1 KITS									(1)	0.1
FY-94 6 KITS									(6)	0.3
FY-96 7 KITS									(7)	0.5
TOTAL INSTALL QTY/COST									14	0.9
									14	14.8
TOTAL COST (BP-1100)										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-92 FY-93 FY-94 FY-95 FY-96										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ALR-69 (RWR) MN-8220
MODELS OF AIRCRAFT AFFECTED: C-130E/H
DESCRIPTION/JUSTIFICATION: CSAF validated C-MNS implemented by SAF/AQ 25/2282 Msg PMD. Aircrews flying missions in support of Provide Promise are being subjected to an increasing level of electronic threats which need to be modified so not to impact our worldwide airlift mission PMD 2264(3). Installs ALR-69, RWR, on 366 C-130 aircraft. Provides airborne warning of all AAA, interceptors, and surface-air threats. Completes C-130 fleet for all aircraft already equipped with Airlift Defensive System.
AIRCRAFT BREAKDOWN: Active -- 104 RES -- 74 ANG -- 105
DEVELOPMENT STATUS: N/A.
PROJECTED FINANCIAL PLAN
RDT&E (3600)

EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
CENTER: WR-ALC
PE 0401115F TEAM MOBIL

AIRCRAFT BREAKDOWN: Active -- 104 RES -- 74 ANG -- 105

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALL KITS	64	3.2	16	0.6					16	0.7	82	3.6
KITS NONREC	2	5.0		0.1								
EQUIPMENT	(62)	11.4	(16)	3.8					(16)	4.3	(82)	22.5
EQUIP NONREC												
CHANGE ORDERS		1.1										
DATA		1.0										
SIM/TRAINER		1.4										
SUPPORT-EQUIP		3.9										
OGC												
INSTALLATION OF HARDWARE												
FY-94	39	3.9										
FY-95	27	0.8			(6)	0.3						
FY-96	16				(16)	0.9						
FY-99	16											
FY-00	82											
FY-01	82											
FY-02	7											
FY-03	9											
FY-04	5											
TOTAL INSTALL QTY/COST	60	4.7			22	1.2						
TOTAL COST (BP-1100)	66	31.7	16	5.9		1.3			16	8.6	82	34.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 2 MONTHS												
FOLLOW-ON LEAD TIME --- 3 MONTHS												

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FACT SHEET: C-130 MN-8220 ALR-69 (RWR) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS	82	3.7	7	0.3	9	0.4	5	0.2	281	12.7
KITS NONRECUR									2	5.1
EQUIPMENT	(82)	23.0	(7)	2.0	(9)	2.6	(5)	1.5		71.0
EQUIP NONREC										1.1
CHANGE ORDERS										1.0
DATA										6.1
SIM/TRAINER										15.1
SUPPORT-EQUIP	2.3									0.6
OGC	0.1			0.3				0.1		
INSTALLATION OF HARDWARE										
FY-94 39 KITS									(39)	3.9
FY-95 27 KITS									(27)	1.1
FY-96 16 KITS									(16)	0.9
FY-99 16 KITS									(16)	1.1
FY-00 82 KITS	(16)	1.1	(82)	5.6	(82)	5.8	(7)	0.5	(82)	5.6
FY-01 82 KITS							(9)	0.7	(82)	5.8
FY-02 7 KITS							(5)	0.4	(7)	0.5
FY-03 9 KITS									(9)	0.7
FY-04 5 KITS									(5)	0.4
TOTAL INSTALL QTY/COST	16	1.1	82	5.6	82	5.8	21	1.6	283	20.0
TOTAL COST (BP-1100)	82	30.0	7	8.3	9	8.8	5	3.4	283	132.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
MILESTONES

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05	FY-06
--	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

CONTRACT-DATE (QTR/FY)	3/94	3/95	4/96			1/99	1/00	1/01	1/02	1/03	1/04	1/05	1/06
DELIVERY-DATE (QTR/FY)	3/94	1/96	2/97			1/01	1/02	1/03	1/04	1/05	1/06		

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT				1 18									
OUTPUT				1 18									

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT				4 4									
OUTPUT				4 4									

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT				4 4									
OUTPUT				4 4									

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AN/AAQ-22M MN-8385
MODELS OF AIRCRAFT AFFECTED: HC-130N/P
DESCRIPTION/JUSTIFICATION: Installs a FLIR, AN/AAQ-22A on 9 each AFRES HC-130N/P in support of drug enforcement program.
AIRCRAFT BREAKDOWN: Active -- 0 RES -- 9 ANG -- 0
DEVELOPMENT STATUS: N/A.

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P

CENTER: WR-ALC
PE 0207224F TEAM AIR

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS				8	1.2													
KITS NONRECUR				1	0.3													
EQUIPMENT				(8)	1.8													
EQUIP NONREC				(1)	0.2													
CHANGE ORDERS																		
DATA					0.3													
SIM/TRAINER																		
SUPPORT-EQUIP					0.2													
INSTALLATION OF HARDWARE																		
FY-96 9 KITS				(9)	0.4													
TOTAL INSTALL QTY/COST				9	4.0		9	0.4										
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT																		
INITIAL LEAD TIME -- 6 MONTHS																		
FOLLOW-ON LEAD TIME -- 0 MONTHS																		

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FACT SHEET: C-130 MN-8385 AN/AAQ-22M
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-96 9 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96 FY-97									
CONTRACT-DATE (QTR/FY) 4/96									
DELIVERY-DATE (QTR/FY) 2/97									
INSTALLATION SCHEDULE: FY-96 FY-97									
QUARTERS 1 2 3 4 1 2 3 4									
INPUT 1 4 4									
OUTPUT 1 4 4									
FY-01 FY-02 FY-03 TO COMP TOTAL									
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
8								8	1.2
1								1	0.3
									1.8
									0.2
									0.3
									0.2
(9)								9	0.4
									0.4
								9	4.4

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DATE 02/14/97

MODIFICATION OF AIRCRAFT

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

FY 1998 PROGRAM

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE

MODIFICATION TITLE AND NO: AERESPACE RESCUE AND RECOVERY MN-8424

CLC C-130 CLASS P

MODELS OF AIRCRAFT AFFECTED: HC-130

CENTER: WR-ALC

PE 0207224F

TEAM AIR

DESCRIPTION/JUSTIFICATION: Program converts 3 Slick C-130 aircraft to the combat rescue HC-130 configuration. In addition to base-line combat rescue HC-130 equipment, this program provides for square window aft troop doors, Airlift Defensive Systems, ALR-69 RWR, NVIS interior and exterior lighting, AN/ARS-6(V)PLS, Aircrew Armor Suite, and SATCOM integrated into the SCNS to accommodate projected HC-130 fleet-wide modifications. This conversion program is required to provide adequate HC-130 force structure to support world-wide rescue requirements.

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR					1	7.0	1	4.0	1	4.1		
EQUIPMENT												
EQUIP NONREC					(1)	1.9	(1)	8.4	(1)	5.6		
CHANGE ORDERS												
DATA								1.0		2.9		
SIM/TRAINER								0.2		0.5		
SUPPORT-EQUIP												
TESTING								0.2		0.4		
OGC						0.5		0.1		0.2		
INSTALLATION OF HARDWARE								0.5		0.4		
FY-97 1 KITS												
FY-98 1 KITS												
FY-99 1 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)					1	9.4	1	14.4	1	14.1		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 9 MONTHS												
FOLLOW-ON LEAD TIME -- 9 MONTHS												

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FACT SHEET: C-130 MN-8424 AERSPACE RESCUE AND RECOVERY (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)									
RDTE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
TESTING									
OGC									
INSTALLATION OF HARDWARE									
FY-97 1 KITS									
FY-98 1 KITS									
FY-99 1 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96 FY-97 FY-98 FY-99 FY-00									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SKI EQUIPMENT MM-8455
MODELS OF AIRCRAFT AFFECTED: C-130-H
DESCRIPTION/JUSTIFICATION: Installation of Northrop/Grumman Low Power Color Radar, electronic flight instruments and satellite communications system on 4 C-130/H and 4 LC-130/H aircraft. BROKEN PROGRAM: AN ADDITIONAL 3.66M IS NEEDED IN FY98 TO BUY REMAINING 4 AIRCRAFT.
AIRCRAFT BREAKDOWN: Active -- 0 RES -- 0 ANG -- 8
DEVELOPMENT STATUS: N/A.
PROJECTED FINANCIAL PLAN
RDT&E (3600)

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 0401115F TEAM MOBIL

PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
4				4	1.0						
				(4)	4.0						

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
OGC
INSTALLATION OF HARDWARE
FY-97 4 KITS
TOTAL INSTALL QTY/COST
TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 9 MONTHS
FOLLOW-ON LEAD TIME -- 9 MONTHS

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FACT SHEET: C-130 MN-8455 SKI EQUIPMENT
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									4	1.0
EQUIPMENT										
EQUIP NONREC										4.0
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
OGC										0.3
INSTALLATION OF HARDWARE										
FY-97 4 KITS							(4)			0.2
TOTAL INSTALL QTY/COST									4	0.2
TOTAL COST (BP-1100)									4	5.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: COMPASS CALL MN-COMPAS
MODELS OF AIRCRAFT AFFECTED: C-130
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CIC C-130 CLASS P
PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: For Compass Call Mission Simulators.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD4E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP		3.5										
CCMS		4.5										
TOTAL COST (BP-1100)		8.0										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

FOLLOW-ON LEAD TIME -- 12 MONTHS

INITIAL LEAD TIME -- 12 MONTHS

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FACT SHEET: C-130 MN-COMPAS COMPASS CALL (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
CCMS									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-94	FY-95	FY-96							
-----	-----	-----							
CONTRACT-DATE (QTR/FY)	4/96	4/96							
DELIVERY-DATE (QTR/FY)	4/96	4/96							
5.5									
4.5									
10.0									

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: C-130H COMPASS REPLACEMENT MN-COMREP
MODELS OF AIRCRAFT AFFECTED: C-130
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
CENTER: WR-ALC
PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Replaces compasses and directional gyros on all C-130 aircraft. Standardizes C-130 fleet with FY92 and later production aircraft. Saves \$20 per flying hour upon full implementation.
AIRCRAFT BREAKDOWN: Active -- 185 RES -- 113 ANG -- 182

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS											85	1.5
KITS NONRECUR											2	
EQUIPMENT											(85)	10.5
EQUIP NONREC											(2)	0.2
CHANGE ORDERS												
DATA												
SIM/TRAINER												1.0
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-98	3										(1)	0.1
FY-00	87											
FY-01	133											
FY-02	78											
FY-03	140											
FY-04	39											
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 15 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: C-130 MN-COMREP C-130H COMPASS REPLACEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS	133	2.7	78	1.4	140	2.8	39	0.8	475	9.2
KITS NONREC									5	0.2
EQUIPMENT	(133)	19.3	(78)	8.6	(140)	16.4	(39)	4.2	59.0	59.0
EQUIP NONREC									0.5	0.5
CHANGE ORDERS										
DATA										
SIM/TRAINER										1.0
SUPPORT-EQUIP										0.2
OGC		0.1								

INSTALLATION OF HARDWARE

FY-98	3	KITS							(3)	0.2
FY-00	87	KITS							(87)	2.6
FY-01	133	KITS		4.0					(133)	4.0
FY-02	78	KITS				2.3			(78)	2.3
FY-03	140	KITS					(140)	4.2	(140)	4.2
FY-04	39	KITS					(39)	1.0	(39)	1.0
TOTAL INSTALL QTY/COST	87	2.6	133	4.0	78	2.3	179	5.2	480	14.3
TOTAL COST (BP-1100)	133	24.6	78	14.1	140	21.6	39	10.2	480	84.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
MILESTONES

	FY-96		FY-97		FY-98		FY-99		FY-00		FY-01		FY-02		FY-03		FY-04		FY-05	
	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY

CONTRACT-DATE (QTR/FY)
DELIVERY-DATE (QTR/FY)

INSTALLATION SCHEDULE:		FY-96				FY-97				FY-98				FY-99				FY-00			
QUARTERS		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT																					
OUTPUT																					

INSTALLATION SCHEDULE:

FY-01	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
QUARTERS																				
INPUT	21	22	22	22	33	33	33	34	20	19	20	19	35	35	35	35	35	35	20	19
OUTPUT	21	22	22	22	33	33	33	34	20	19	20	19	35	35	35	35	35	35	20	19

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: APN-59 RADAR REPLACEMENT MN-RADAR
MODELS OF AIRCRAFT AFFECTED: C-130
CENTER: WR-ALC
DESCRIPTION/JUSTIFICATION: Replaces APN-59 RADAR on 480 C-130 aircraft. Current RADAR has 40 hour MTBF, new one has 1,000 hour MTBF. Saves \$90.00 per flying hour.
AIRCRAFT BREAKDOWN: Active -- 220 RES -- 100 ANG -- 162

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RD&E (3600)															
PROCUREMENT (3010)															
INSTALL KITS															
KITS NONRECUR															
EQUIPMENT															
EQUIP NONREC															
CHANGE ORDERS															
DATA															
SIM/TRAINER															
SUPPORT-EQUIP															
OGC															
ICS															
FLIGHT TEST															
INSTALLATION OF HARDWARE															
FY-99	3														
FY-00	5														
FY-01	129														
FY-02	95														
FY-03	172														
FY-04	78														

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-130 MN-RADAR APN-59 RADAR REPLACEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS	126	4.5	95	3.4	172	6.4	78	3.0	476	17.6
KITS NONRECUR	3	1.7							6	8.2
EQUIPMENT	(126)	26.3	(95)	20.3	(172)	37.7	(78)	17.5		102.6
EQUIP NONREC	(3)	1.2								4.2
CHANGE ORDERS										
DATA		0.4								1.2
SIM/TRAINER		4.1		5.0						9.1
SUPPORT-EQUIP		1.0								1.0
OGC		0.6		0.7		0.5		0.5		3.3
ICS		0.1		3.0		2.9		3.1		9.2
FLIGHT TEST		1.0		0.7		0.2				2.3

INSTALLATION OF HARDWARE

FY-99	3	KITS	(1)	0.1					(3)	0.3
FY-00	5	KITS	(2)	0.1					(5)	0.3
FY-01	129	KITS	(100)	6.9	(29)	1.6			(129)	8.5
FY-02	95	KITS			(70)	3.8	(25)	1.4	(95)	5.1
FY-03	172	KITS					(172)	9.3	(172)	9.3
FY-04	78	KITS					(78)	4.2	(78)	4.2

TOTAL INSTALL QTY/COST	3	0.2	103	7.1	99	5.3	275	14.9	482	27.7
------------------------	---	-----	-----	-----	----	-----	-----	------	-----	------

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
CONTRACT-DATE (QTR/FY)				2/99	1/00	1/01	2/02	1/03	1/04	
DELIVERY-DATE (QTR/FY)				3/00	1/01	1/02	2/03	1/04	1/05	

INSTALLATION SCHEDULE:

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

INSTALLATION SCHEDULE:

	FY-01	FY-02	FY-03	FY-04	FY-05
QUARTERS	1	2	3	4	1
INPUT	25	26	26	25	24
OUTPUT	25	26	26	25	24

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: TIBS MN-TIBS
MODELS OF AIRCRAFT AFFECTED: C-130
DESCRIPTION/JUSTIFICATION: Tactical Information Broadcast System added in FY97 Appropriation language. Program to be defined.
DEVELOPMENT STATUS: N/A.

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CIC C-130 CLASS P

CENTER: WR-ALC

PE 0401115F TEAM MOBIL

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	QTY	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT	AMT	AMT
RDtE (3600)						
PROCUREMENT (3010)						
INSTALL KITS			1	4.1		
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- MONTHS

FOLLOW-ON LEAD TIME -- MONTHS

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FACT SHEET: C-130 MN-TIBS TIBS
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	QTY	QTY	QTY	QTY	QTY
AMT	AMT	AMT	AMT	AMT	AMT
RDTE (3600)					
PROCUREMENT (3010)					
INSTALL KITS					
KITS NONRECUR					
EQUIPMENT					
EQUIP NONREC					
CHANGE ORDERS					
DATA					
SIM/TRAINER					
SUPPORT-EQUIP					
TOTAL COST (BP-1100)					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)					
MILESTONES					
FY-96	FY-97				
CONTRACT-DATE (QTR/FY)	4/97				
DELIVERY-DATE (QTR/FY)	4/98				

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: WC130J SPECIAL MISSION MN-WC130J
MODELS OF AIRCRAFT AFFECTED: C-130J
CENTER: ASC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-130 CLASS P
PE 0401115F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The WC-130 fleet currently consists of 10 W-130E aircraft assigned to the 53 WRS, Keesler AFB, MS. They provide immediate response for observation and reporting of critical storm conditions (hurricanes, tropical and winter storms, etc) for the National Oceanographic and Atmospheric Administration, National Hurricane Center, and National Meteorological Center. C-130Hs will be replaced by WC-130Js. The WC-130J will operate with a crew complement of five (two pilots, navigator, Aerial Reconnaissance Weather Office (ARWO), and Dropsonde System Operator (DSO)). The C-130J aircraft manufacturer, Lockheed Martin Aircraft Systems, will accomplish Modification to standard configuration (C-130J aircraft after DD250 acceptance. Aircraft modifications include installation of ARWO and DSO stations in the cargo compartment and a Navigator station.

AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR							2	7.0				
EQUIPMENT							1	4.5				
EQUIP NONREC												
CHANGE ORDERS								0.5				
DATA												
SIM/TRAINER												
SUPPORT-EQUIP								0.5				
TEST								1.0				
ICS												
TOTAL COST (BP-1100)							3	13.5				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-130 MN-WC130J WC130J SPECIAL MISSION (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
								2	7.0
KITS NONRECUR									
								1	4.5
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
									0.5
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
									0.5
TEST									
									1.0
ICS									
								3	13.5
TOTAL COST (BP-1100)									

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE
APPROPRIATION/BUDGET ACTIVITY										FEBRUARY 1997
AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS										
P-1 ITEM NOMENCLATURE: C-135										
	1996	1997	1998	1999	2000	2001	2002	2003		
COST (In Mil)	\$237.104	\$236.960	\$137.861	\$139.231	\$103.099	\$75.665	\$46.445	\$35.571		

This line item funds modifications to the C-135 and KC-135 aircraft. The C-135 is a four engine aircraft used for long range cargo and passenger airlift and to support theater commanders. The four engine KC-135 provides air refueling through either the refueling boom or drogue. As a cargo aircraft, the KC-135 can carry 6 standard 463-L pallets. The overall goal of the modifications budgeted in FY98 is to enhance flight safety while improving reliability and maintainability. The specific modifications budgeted and programmed are below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	P-S	10408A	AERIAL REFUELING PUMP AUTOMATI										
		99999A	LOW COST SAFETY MODIFICATIONS	1.9	1.0	0.2	1.3	0.8	0.3	1.9	0.6		8.1
			CLASS P-S TOTAL FOR C-135	1.9	1.1	0.2	1.3	0.8	0.3	1.9	0.6		8.3
		10402B	FUEL SAVINGS ADVISORY SYSTEM (										102.4
		16405X	SCOPE RELOCATION	1.3	1.1	0.9	0.2						0.5
		17403B	STANDARD FLIGHT DATA RECORDER	0.1	0.1	0.1							15.4
		2984X	NUCLEAR HARDENING	3.0	3.6	0.7	0.9						1.3
		3009E	C-135 REENGINE	0.2	0.2	0.1	0.6						483.9
		3009X	AUDIBLE COCKPIT WARNING	95.3	49.0								1.1
		3009Y	RELOCATE S/V BOX	0.2	0.1	0.2	0.1						1.0
		3042	STANDARD VHF AM/FM RADIO	0.2	0.2	0.2	0.1						6.7
		3149	NAVIGATION AND SAFETY UPGRADE	2.7	2.3	0.2							39.3
		3150PC	PACER CRAG (COMPASS, RADAR, AN	33.9	5.4								426.0
		3156	PACER LINK PH II	62.8	102.3	97.8	92.3	25.2	5.7				250.6
		3353	HF AUTO COMM PROCESSOR (ACP)	10.4	12.2								29.0
		3368	GROUND COLLISION AVOIDANCE SYS	6.7	0.1	3.3	6.7	7.7	3.3	1.1	2.4	5.3	48.9
		4263	RIVET JOINT	32.3									66.3
		48604B	INSTALLATION OF WINDOW EDGE HE	0.1	0.2								2.7
		9605	INMARSAT AND SATCOM UPGRADE	1.2		3.2		0.7	1.1	2.0	1.1		4.4
		99999S	SERVICE BULLETINS	2.5	0.5								7.9
		99999U	LOW COST RETROFIT MODS	0.8	0.3								2.4
		99999X	LOW COST MODIFICATIONS	0.4	2.1								4.6
		KC4218	HIGH RELIABILITY MAINT FREE BA	0.9	2.5	3.6	3.8	2.7	0.8				16.5
		KC4231	MULTIPOINT REFUELING	12.2	21.6	22.1	20.1	40.3	40.8	12.8			169.9
		KC4290	IMPROVED MAIN LANDING GEAR BRA	1.0			13.0	25.7	23.6	28.6	31.4		2.0
		SM135	SIMULATOR UPGRADE										122.3
		288888	REPROGRAMMINGS	0.9	2.8								4.5
			CLASS P TOTAL FOR C-135	235.2	235.9	137.7	137.9	102.3	75.3	44.5	35.0	5.3	

Totals may not add due to rounding.

P-1 SHOPP LIST
ITEM NO. 052

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE			
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS							P-1 ITEM NOMENCLATURE: C-135			
	1996	1997	1998	1999	2000	2001	2002	2003		
COST (in Mil)	\$237.104	\$236.960	\$137.861	\$139.231	\$103.099	\$75.665	\$46.445	\$35.571		
TOTAL FOR C-135		237.1	237.0	137.9	139.2	103.1	75.7	46.4	35.6	5.3

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 052	PAGE NO.	430
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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: FUEL SAVINGS ADVISORY SYSTEM (FSAS) MN-10402B
MODELS OF AIRCRAFT AFFECTED: KC-135
DESCRIPTION/JUSTIFICATION: Installs kit procured FY90 and prior.
AIRCRAFT BREAKDOWN: Active -- 295 RES -- 72 ANG -- 225
DEVELOPMENT STATUS:

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
EXHIBIT P3A CONGRESSIONAL
CENTER: OC-ALC
PE 0401218F TEAM MOBIL

PROJECTED FINANCIAL PLAN									
PRIOR		FY-96		FY-97		FY-98		FY-99	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
592	73.9								
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
MOD OF SPARES									
(6)	4.2								
INSTALLATION OF HARDWARE									
FY-89 592 KITS	1.2	(18)	1.3	(15)	1.1	(10)	0.9	(5)	0.2
TOTAL INSTALL QTY/COST	540	18	1.3	15	1.1	10	0.9	5	0.2
TOTAL COST (BP-1100)	592		1.3		1.1		0.9		0.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT									
INITIAL LEAD TIME -- 1 MONTHS					FOLLOW-ON LEAD TIME -- 1 MONTHS				

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FACT SHEET: C-135 MN-10402B FUEL SAVINGS ADVISORY SYSTEM (FSAS) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)									592	73.9
INSTALL KITS										6.5
KITS NONRECUR										
EQUIPMENT										5.8
EQUIP NONREC										5.4
CHANGE ORDERS										4.2
DATA										2.0
SIM/TRAINER										
SUPPORT-EQUIP										
MOD OF SPARES										
INSTALLATION OF HARDWARE										
FY-89 592 KITS							(588)			4.6
TOTAL INSTALL QTY/COST									588	4.6
TOTAL COST (BP-1100)									592	102.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
1/89										
1/89										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
500										
500										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
500										
500										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
500										
500										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
500										
500										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: STANDARD FLIGHT DATA RECORDER MN-17403B
MODELS OF AIRCRAFT AFFECTED: KC-135
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
CENTER: OC-ALC
PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: This modification will incorporate a Standard Army-Navy-Air Force Flight Data Recorder (SFDR). It is a data collection system designed to provide aircraft structural analysis and other pertinent data. It will replace the existing MXU-553 Aircraft Structural Integrity Program (ASIP) recorder.
AIRCRAFT BREAKDOWN: Active -- 50 RES -- 1 ANG -- 6

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	11	0.6	13	1.2	1	1.1						
KITS NONRECUR		1.5										
EQUIPMENT	(11)	1.0	(13)	1.6	(1)	2.2						
EQUIP NONREC		0.5										
CHANGE ORDERS												
DATA		2.3										0.3
SIM/TRAINER												
SUPPORT-EQUIP		0.7		0.2		0.1		0.3				
TOOLING		0.4										
OGC												
INSTALLATION OF HARDWARE												
FY-93 3 KITS	(3)	0.1			(2)	0.2	(6)	0.3				
FY-95 8 KITS					(2)	0.1	(11)	0.6				
FY-96 13 KITS							(1)	0.1				
FY-97 1 KITS												
TOTAL INSTALL QTY/COST	3	0.1			2	0.2	8	0.4	12	0.6		
TOTAL COST (BP-1100)	11	7.1	13	3.0	1	3.6		0.7		0.9		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 6 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: C-135 MN-17403B STANDARD FLIGHT DATA RECORDER (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	AMT	QTY	AMT	QTY	AMT
RDY&E (3600)					
PROCUREMENT (3010)					
INSTALL KITS				25	2.9
KITS NONRECUR					1.5
EQUIPMENT					4.8
EQUIP NONREC					0.5
CHANGE ORDERS					2.6
DATA					1.3
SIM/TRAINER					0.4
SUPPORT-EQUIP					0.1
TOOLING					
OGC					
INSTALLATION OF HARDWARE					
FY-93 3 KITS				(3)	0.1
FY-95 8 KITS				(8)	0.5
FY-96 13 KITS				(13)	0.7
FY-97 1 KITS				(1)	0.1
TOTAL INSTALL QTY/COST				25	1.3
TOTAL COST (BP-1100)				25	15.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)					

MILESTONES

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
CONTRACT-DATE (QTR/FY)	1/93	2/95	2/95	1/96	1/97	1/99	1/00	1/00
DELIVERY-DATE (QTR/FY)	3/93	2/96	2/96	1/97	1/98	1/00	1/01	1/01
INSTALLATION SCHEDULE:								
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	1	1	1	1	1	1	1	1
OUTPUT								

INSTALLATION SCHEDULE: FY-98

	FY-98	FY-99	FY-00
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4
INPUT	2 2 2 2	3 3 3 3	5 5 5 5
OUTPUT	1 2 2 2	2 2 2 2	3 3 3 3

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: C-135 REENGINE MN-3009E
MODELS OF AIRCRAFT AFFECTED: KC-135
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Modifies KC-135E aircraft with more powerful, fuel efficient F108 (CFM-56) engines, allowing takeoff on shorter runways with higher gross weights. The cleaner, quieter F108 engines meet or exceed all noise and pollution standards. Over 25 other systems/sub-systems, including the landing gear, will extend the life of these aircraft into the 21st century.

AIRCRAFT BREAKDOWN: Active -- 0 RES -- 8 ANG -- 12

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS	16	108.3	4	38.0	2	18.1						
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC		3.5	(1)	1.1		0.5						
CHANGE ORDERS												
DATA		6.5		0.5								
SIM/TRAINER		1.0										
SUPPORT-EQUIP		206.6	(16)	55.7	(8)	29.4						
ENGINES	(64)											
INSTALLATION OF HARDWARE												
FY-93 15 KITS	(15)	13.6			(1)	1.0	(4)		(2)			
FY-94 1 KITS												
FY-96 4 KITS												
FY-97 2 KITS												
TOTAL INSTALL QTY/COST	15	13.6			1	1.0	4		2			
TOTAL COST (BP-1100)	16	339.6	4	95.3	2	49.0						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

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FACT SHEET: C-135 MN-3009E C-135 REENGINE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)									22	164.4
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										3.5
EQUIP NONREC										1.1
CHANGE ORDERS										7.5
DATA										
SIM/TRAINER										1.0
SUPPORT-EQUIP										291.8
ENGINES										
INSTALLATION OF HARDWARE										
FY-93 15 KITS							(15)			13.6
FY-94 1 KITS							(1)			1.0
FY-96 4 KITS							(4)			
FY-97 2 KITS							(2)			
TOTAL INSTALL QTY/COST									22	14.6
TOTAL COST (BP-1100)									22	483.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00		
DELIVERY-DATE (QTR/FY)	1/93	4/94		1/97	4/97					
	1/93	4/96		1/98	1/99					
INSTALLATION SCHEDULE:	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-97	
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
INPUT	8 7 8 7	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	
OUTPUT	8 7 8 7	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	6 6 7 6	
INSTALLATION SCHEDULE:	FY-98	FY-99	FY-00							
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4							
INPUT	2 2 2 2	1 1 1 1	1 1 1 1							
OUTPUT	2 2 2 2	1 1 1 1	1 1 1 1							

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: STANDARD VHF AM/FM RADIO MN-3042
MODELS OF AIRCRAFT AFFECTED: KC-135
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Data and supplemental kits for VHF radios installed during Desert Storm. Supplemental Group "A" kits required to convert from "quick mod" configuration to "final" mod configuration. Quick mod does not provide access for boom operator.

AIRCRAFT BREAKDOWN: Active -- 256 RES -- 72 ANG -- 220

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	150	1.6	355	2.0	40	0.2						
KITS NONRECUR			3	0.2								
EQUIPMENT												
EQUIP NONREC				0.3				0.2				
CHANGE ORDERS				0.2		0.1						
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-93 150 KITS					(150)	0.5						
FY-96 358 KITS					(358)	1.3						
FY-97 40 KITS					(40)	0.1						
TOTAL INSTALL QTY/COST					548	2.0						
TOTAL COST (BP-1100)	150	1.6	358	2.7	40	2.3		0.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: C-135 MN-3042 STANDARD VHF AM/FM RADIO
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									545	3.8
KITS NONRECUR									3	0.2
EQUIPMENT										
EQUIP NONREC										0.4
CHANGE ORDERS										0.3
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										0.0
OGC										
INSTALLATION OF HARDWARE										
FY-93 150 KITS									(150)	0.5
FY-96 358 KITS									(358)	1.3
FY-97 40 KITS									(40)	0.1
TOTAL INSTALL QTY/COST									548	2.0
TOTAL COST (BP-1100)									548	6.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-93 FY-94 FY-95 FY-96 FY-97										
CONTRACT-DATE (QTR/FY) 2/93										
DELIVERY-DATE (QTR/FY) 2/94										
INSTALLATION SCHEDULE:										
QUARTERS 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4										
INPUT										
OUTPUT										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVIGATION AND SAFETY UPGRADE MN-3149
MODELS OF AIRCRAFT AFFECTED: SEVEN DV C-135S
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS P
PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The Navigation and Safety Upgrade program combines the C/KC-135 Navigation and Safety upgrades on Air Force aircraft designated for DV passenger missions. These modifications include Flight Data Recorder (FDR) and Cockpit Voice Recorder (CVR), Traffic Alert and Collision Avoidance System (TCAS), Ground Proximity Warning System (GPWS), and Emergency Locator Transmitter (ELT). Acquisition through a system integration strategy with a common integration contract and concurrent installation is planned. Of the seven aircraft: three are PACAF, one - AFMC, one - ACC and two - AMC. Modification is IAW SECDEF Letter, 26 Apr 96

AIRCRAFT BREAKDOWN: Active -- 7 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					7	0.6						
KITS NONRECUR						8.0						
EQUIPMENT			(	7)		2.5						
EQUIP NONREC						19.6						
CHANGE ORDERS												
DATA						2.0	0.2					
SIM/TRAINER						0.5	3.9					
SUPPORT-EQUIP												
OGC						0.6	0.2					
INSTALLATION OF HARDWARE												
FY-97 7 KITS					(	7)	1.2					
TOTAL INSTALL QTY/COST					7		1.2					
TOTAL COST (BP-1100)					7	33.9	5.4					
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 9 MONTHS												
FOLLOW-ON LEAD TIME -- 9 MONTHS												

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FACT SHEET: C-135 MN-3149 NAVIGATION AND SAFETY UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									7	0.6
KITS NONREC										8.0
EQUIPMENT										2.5
EQUIP NONREC										19.6
CHANGE ORDERS										2.2
DATA										4.4
SIM/TRAINER										0.8
SUPPORT-EQUIP										
OGC										
INSTALLATION OF HARDWARE										
FY-97 7 KITS									(7)	1.2
TOTAL INSTALL QTY/COST									7	1.2
TOTAL COST (BP-1100)									7	39.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99						
CONTRACT-DATE (QTR/FY)		2/97	4/97							
DELIVERY-DATE (QTR/FY)		1/98	3/98							
INSTALLATION SCHEDULE:	FY-96	FY-97	FY-98	FY-99						
QUARTERS	1	2	3	4	1	2	3	4		
INPUT					1	2	4			
OUTPUT						1	1	4	1	

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DATE 02/14/97 EXHIBIT P3A CONGRESSIONAL
FY 1998 PB MODIFICATION OF AIRCRAFT
MODIFICATION TITLE AND NO: PACER CRAG (COMPASS, RADAR, AND GPS) MN-3150PC
MODELS OF AIRCRAFT AFFECTED: C/KC-135
CENTER: OC-ALC
PE 0401218F TEAM MOBIL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P

DESCRIPTION/JUSTIFICATION: The PACER CRAG Program combines the C/KC-135 avionics modifications, Compass Replacement System (CRS), Radar Replacement and Display Modernization (RRDM); and NAVSTAR Global Positioning System (GPS) for acquisition through a systems integration strategy. Integration will be accomplished through incorporation of a COTS/NDI flight (mission) management system, multifunction control display units, electronic horizontal situation indicators (EHSIs), and Electronic Attitude Direction Indicators (EADIs) to include a Standby Attitude Indicator (SAI). In addition, new components acquired as part of this program will include growth capability for Global Air Traffic Management (GATM). Specifically, the new Air Data Computer will be in compliance with Reduced Vertical Separation Minima (RVSM) scheduled for implementation prior to FY00. COTS/NDI equipment will require minor missionization. Accelerate PACER CRAG IAW SECDEF Letter, 26 Apr 96.

AIRCRAFT BREAKDOWN: Active -- 255 RES -- 72 ANG -- 224

DEVELOPMENT STATUS: Contract Award: Oct 95; PDR-Jan96; CDR-Feb 96; Prototype Deliveries (3) Aug-Sep 96; Combined Test Aug-Dec 96.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS		0.6	50	4.2	163	11.2	169	9.0	163	8.7		
KITS NONRECUR	6	5.5										
EQUIPMENT		6.6	(50)	21.8	(163)	63.8	(169)	58.0	(163)	54.5		
EQUIP NONREC	(6)	7.5										
CHANGE ORDERS		14.7		13.2		7.4		4.2		0.4	1.0	
DATA		5.0		2.1		0.3		0.1		0.7		
				21.1		7.2						
SIM/TRAINER												
SUPPORT-EQUIP												
BLOCK 10												
OGC				0.4		0.5		0.3		0.3		
SOFTWARE INTG LAB												
INSTALLATION OF HARDWARE			(3)		(3)	0.6						
FY-95	6				(50)	10.8						
FY-96	50											
FY-97	163						(163)	26.2	(169)	28.4	(163)	23.2
FY-98	169											
FY-99	163											
TOTAL INSTALL QTY/COST			3		53	11.4	163	26.2	169	28.4	163	23.2
TOTAL COST (BP-1100)	6	39.9	50	62.8	163	102.3	169	97.8	163	92.3		25.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 7 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: C-135 MN-3150PC PACER CRAG (COMPASS, RADAR, AND GPS) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	AMT	QTY	AMT	QTY	AMT
RTUE (3600)					

PROCUREMENT (3010)

INSTALL KITS					545	33.7
KITS NONRECUR					6	5.5
EQUIPMENT						204.7
EQUIP NONREC						7.5
CHANGE ORDERS	0.6					41.4
DATA	5.1					13.3
SIM/TRAINER						28.4
SUPPORT-EQUIP						0.5
BLOCK 10						1.8
OGC						

SOFTWARE INTG LAB

INSTALLATION OF HARDWARE						
FY-95 6 KITS					(6)	0.6
FY-96 50 KITS					(50)	10.8
FY-97 163 KITS					(163)	26.2
FY-98 169 KITS					(169)	28.4
FY-99 163 KITS					(163)	23.2

TOTAL INSTALL QTY/COST

					551	89.3
					551	426.0

TOTAL COST (BP-1100) 5.7

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY)	1/96	4/96	1/97	1/97	1/98	1/99	
DELIVERY-DATE (QTR/FY)	3/96	3/97	1/98	1/98	1/99	1/00	

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					1	2	1	2	50	41	41	42
OUTPUT									2	50	41	42

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4
INPUT					41	41	41	40
OUTPUT					43	41	41	40

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: PACER LINK PH II MN-3156
MODELS OF AIRCRAFT AFFECTED: EC-135
DESCRIPTION/JUSTIFICATION: Replaces components (UHF radios, multiplexer, switchboard, interphone) with ElectroMagnetic Pulse (EMP) hardened components. To accommodate supportability problems with the ARC-89 radio, an early swapout on EC-135 aircraft was accomplished. Reduces CINC's ANCE and STRAYCOM's relay aircraft configurations from 7 to 2. Modification cost varies by aircraft model and mission. Installs and kit quantity differ by 13 kits due to force structure changes.
AIRCRAFT BREAKDOWN: Active -- 39 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: Complete.

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
CENTER: OC-ALC
PE 0101312F TEAM INFO

PROJECTED FINANCIAL PLAN	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD7&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	32	30.3										
KITS NONRECUR	7	7.3										
EQUIPMENT	(32)	73.0										
EQUIP NONREC	(7)	47.8										
CHANGE ORDERS		36.4										
DATA		16.4										
SIM/TRAINER		5.6										
SUPPORT-EQUIP		28.5										
ICS		4.5										
OGC												
INSTALLATION OF HARDWARE												
FY-89 39 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	39	249.8										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 18 MONTHS												
FOLLOW-ON LEAD TIME -- 18 MONTHS												

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FACT SHEET: C-135 MN-3156 PACER LINK PH II (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

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FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTEE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
								32	30.3
KITS NONRECUR									
								7	7.3
EQUIPMENT									
									73.0
EQUIP NONREC									
									47.8
CHANGE ORDERS									
									36.4
DATA									
									16.4
SIM/TRAINER									
									5.6
SUPPORT-EQUIP									
									28.5
ICS									
									5.2
OGC									
									0.0

INSTALLATION OF HARDWARE

FY-89	39	KITS							
TOTAL INSTALL QTY/COST									
								39	250.6

TOTAL COST (BP-1100)
 (TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-89	FY-90	FY-91	FY-92
CONTRACT-DATE (QTR/FY)	1/89		
DELIVERY-DATE (QTR/FY)	3/90		

INSTALLATION SCHEDULE:

	FY-89	FY-90	FY-91	FY-92
QUARTERS	1	2	3	4
INPUT	8	1	1	1
OUTPUT	6	1	1	2

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HF AUTO COMM PROCESSOR (ACP) MN-3353
MODELS OF AIRCRAFT AFFECTED: KC-135
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Incorporates an Automatic Communications Processor (ACP) in C/KC-135 aircraft. This provides command and control compatibility with AMC and significantly enhances high frequency capabilities.
AIRCRAFT BREAKDOWN: Active -- 256 RES -- 72 ANG -- 224

DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	130	1.5	216	2.8	206	2.8						
KITS NONREC		0.4										
EQUIPMENT	(130)	3.6	(216)	7.2	(206)	6.9						
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.4		0.8						
SIM/TRAINER		0.9				1.7						
SUPPORT-EQUIP												
OGC				0.1		0.1						

TOTAL COST (BP-1100) 130 6.4 216 10.4 206 12.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 9 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-135 MN-3353 HF AUTO COMM PROCESSOR (ACP) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR								552	7.1
EQUIPMENT									0.4
EQUIP NONREC									17.7
CHANGE ORDERS									
DATA									1.2
SIM/TRAINER									2.6
SUPPORT-EQUIP									
OGC									0.1
TOTAL COST (BP-1100)								552	29.0
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-95		FY-96		FY-97					
CONTRACT-DATE (QTR/FY)		4/95		3/96		1/97			
DELIVERY-DATE (QTR/FY)		3/96		2/97		1/98			

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: GROUND COLLISION AVOIDANCE SYSTEM MN-3368
MODELS OF AIRCRAFT AFFECTED: C/KC-135
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
CENTER: OC-ALC
PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Installs system that alerts aircrew to flight profiles that project an impact with the ground.

AIRCRAFT BREAKDOWN: Active -- 166 RES -- 34 ANG -- 86

DEVELOPMENT STATUS: Development complete. USAF directed restructure to allow NDI or modified OTS alternatives.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS	164	0.7		84	0.3					1			105	0.4		115	0.5	
KITS NONREC	3	0.6																
EQUIPMENT	(164)	5.4	(84)		2.7		(1)			(1)			(105)	1.8	(115)		4.1	
EQUIP NONREC	(3)	3.6																
CHANGE ORDERS																		
DATA		1.3			0.8									0.3			0.4	
SIM/TRAINER					1.4									0.3			0.5	
SUPPORT-EQUIP					1.4									0.5				
OGC							0.1							0.1			0.1	
INSTALLATION OF HARDWARE																		
FY-95 167 KITS	(3)	0.8					(95)						(69)	1.6				
FY-96 84 KITS													(84)	1.9				
FY-98 1 KITS													(1)	0.1		(105)	2.4	
FY-99 105 KITS																		
FY-00 115 KITS																		
FY-01 5 KITS																		
FY-02 13 KITS																		
FY-03 43 KITS																		
FY-04 56 KITS																		

TOTAL INSTALL QTY/COST	3	0.8																
TOTAL COST (BP-1100)	167	12.3	84		6.7		0.1			95	2.1		154	3.5	105		2.4	
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 6 MONTHS
FOLLOW-ON LEAD TIME -- 6 MONTHS

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FACT SHEET: C-135 MN-3368 GROUND COLLISION AVOIDANCE SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	5		13	0.1	43	0.2	56	0.3	586	2.5
KITS NONRECUR									3	0.6
EQUIPMENT	(5)	0.2	(13)	0.5	(43)	1.5	(56)	2.1	18.3	18.3
EQUIP NONREC									3.6	3.6
CHANGE ORDERS									1.1	1.1
DATA									5.4	5.4
SIM/TRAINER		0.4		0.4		0.4		0.4	2.4	2.4
SUPPORT-EQUIP										
OGC		0.1								0.6
INSTALLATION OF HARDWARE										
FY-95 167 KITS									(167)	4.4
FY-96 84 KITS									(84)	1.9
FY-98 1 KITS									(1)	0.1
FY-99 105 KITS									(105)	2.4
FY-00 115 KITS	(115)	2.7	(5)	0.1	(13)	0.3			(115)	2.7
FY-01 5 KITS									(5)	0.1
FY-02 13 KITS							(43)	1.2	(13)	0.3
FY-03 43 KITS							(56)	1.2	(43)	1.2
FY-04 56 KITS								1.2	(56)	1.2
TOTAL INSTALL QTY/COST	115	2.7	5	0.1	13	0.3	99	2.4	589	14.3
TOTAL COST (BP-1100)	5	3.3	13	1.1	43	2.4	56	5.3	589	48.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									23	24
OUTPUT									23	24
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	39	39	26	26	27	28	29	29	3	3
OUTPUT	39	39	26	26	27	28	29	29	3	3

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: RIVET JOINT MN-4263
MODELS OF AIRCRAFT AFFECTED: RC-135
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
PE 0305154F TEAM INFO

DESCRIPTION/JUSTIFICATION: Procures and installs various classified modifications on RC-135 aircraft.

AIRCRAFT BREAKDOWN: Active -- 19 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Classified.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS		34.0										
KITS NONRECUR				32.3								
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												

TOTAL COST (BP-1100) 34.0 32.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: C-135 MN-4263 RIVET JOINT
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										66.3
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOTAL COST (BP-1100)										66.3

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: INMARSAT AND SATCOM UPGRADE MN-9605
MODELS OF AIRCRAFT AFFECTED: C-135
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
CENTER: OC-ALC
PE 0401218F TEAM MOBIL
DESCRIPTION/JUSTIFICATION: Design/procure/install/test and provide data for multichannel Inmarsat and Milsat communications upgrades to US
CINCENT aircraft.
AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Integration of commercial off-the-shelf equipment, non-developmental.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	0.3			2	0.6				
KITS NONRECUR				0.8				0.8				
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA								1.0				
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-96 1 KITS			(1)	0.1			(2)	0.8				
FY-98 2 KITS												
TOTAL INSTALL QTY/COST			1	0.1			2	0.8				
TOTAL COST (BP-1100)			1	1.2			2	3.2				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 1 MONTHS

FOLLOW-ON LEAD TIME -- 0 MONTHS

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FACT SHEET: C-135 MN-9605 INMARSAT AND SATCOM UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD16E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									3	0.9
KITS NONRECUR										1.6
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										1.0
SIM/TRAINER										
SUPPORT-EQUIP										
OGC										
INSTALLATION OF HARDWARE										
FY-96 1 KITS									(1)	0.1
FY-98 2 KITS									(2)	0.8
TOTAL INSTALL QTY/COST									3	0.9
TOTAL COST (BP-1100)									3	4.4
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98 FY-99										
CONTRACT-DATE (QTR/FY)	4/96									
DELIVERY-DATE (QTR/FY)	4/96									
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									1	1
OUTPUT										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HIGH RELIABILITY MAINT FREE BATTERY MN-KC4218
MODELS OF AIRCRAFT AFFECTED: KC-135
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: The high reliability maintenance free battery program reduces maintenance and increases reliability by installing two sealed lead acid batteries in the place of the four existing vented nicad batteries. Note: Concurrent installation with Pacer Crag in FY98 saves \$814K.
AIRCRAFT BREAKDOWN: Active -- 315 RES -- 62 ANG -- 225

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	100	0.9	62	0.3	180	0.8	180	0.8	176	0.8		
KITS NONRECUR	(5)	0.3										
EQUIPMENT	(100)	0.6	(62)	0.4	(180)	0.9	(180)	0.6	(180)	0.4		
EQUIP NONREC	(5)	0.1										
CHANGE ORDERS												
DATA		0.2										
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-95 100 KITS					(62)	0.8						
FY-96 62 KITS							(180)	2.1		2.6	(176)	2.7
FY-97 180 KITS												
FY-98 180 KITS												
FY-99 176 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)	100	2.1	62	0.9	180	2.5	180	3.6	176	3.8		2.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TERM												
INITIAL LEAD TIME -- 9 MONTHS												
FOLLOW-ON LEAD TIME -- 9 MONTHS												

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FACT SHEET: C-135 MN-KC4218 HIGH RELIABILITY MAINT FREE BATTERY (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)										
PROCUREMENT (3010)									698	3.6
INSTALL KITS										0.3
KITS NONRECUR										2.9
EQUIPMENT										0.1
EQUIP NONREC										0.1
CHANGE ORDERS										1.1
DATA										1.1
SIM/TRAINER										0.1
SUPPORT-EQUIP										0.1
OGC										0.1
INSTALLATION OF HARDWARE										
FY-95 100 KITS									(62)	0.8
FY-96 62 KITS									(180)	2.1
FY-97 180 KITS									(180)	2.6
FY-98 180 KITS									(176)	2.7
FY-99 176 KITS										
TOTAL INSTALL QTY/COST									598	8.3
TOTAL COST (BP-1100)									698	16.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)	4/95	2/98	2/97	2/98	2/99					
DELIVERY-DATE (QTR/FY)	4/96	1/97	1/98	1/99	1/00					
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					2	2	2	20	65	45
OUTPUT					2	2	20	65	65	45
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT					45	45	43	45	45	45
OUTPUT					45	45	45	45	45	45

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: MULTIPPOINT REFUELING MN-KC4231
MODELS OF AIRCRAFT AFFECTED: KC-135R
CENTER: OC-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
PE 0401218F TEAM MOBIL

DESCRIPTION/JUSTIFICATION: Install drogue/hose reels on aircraft to provide multipoint refueling capability to support U.S. Navy probe-equipped aircraft. 45 aircraft are being modified to ensure that 33 are available at all times to accomplish multipoint refueling. 33 sets (2 per aircraft) of PODs are being procured.
AIRCRAFT BREAKDOWN: Active -- 45 RES -- 0 ANG -- 0

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		20.7		12.8								
PROCUREMENT (3010)												
INSTALL KITS	2	3.1	5	4.4	5	4.4	5	4.7	15	14.8		
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC				0.5		0.6						0.5
CHANGE ORDERS				0.6		0.2						
DATA												
SIM/TRAINER				2.4								
SUPPORT-EQUIP				0.1		0.1		0.2		0.2		0.2
WARRANTY				5.5	(10)	10.8	(10)	10.8	(10)	10.6	(18)	19.5
PODS	(4)		(2)	5.5	(5)	6.6		4.7	(5)	5.3		

INSTALLATION OF HARDWARE

FY-96	2	KITS										
FY-97	5	KITS										
FY-98	5	KITS										
FY-99	5	KITS										
FY-00	15	KITS										
FY-01	12	KITS										

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY

INITIAL LEAD TIME -- 15 MONTHS

FOLLOW-ON LEAD TIME -- 13 MONTHS

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FACT SHEET: C-135 MM-KC4231 MULTIPPOINT REFUELING (CONTINUED)
 PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS	12	11.4							44	42.7
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										2.6
CHANGE ORDERS		0.5		0.3						0.9
DATA										
SIM/TRAINER										2.4
SUPPORT-EQUIP		0.3								1.2
WARRANTY		13.4								70.4
PODS	(12)									
INSTALLATION OF HARDWARE										
FY-96 2 KITS									(2)	5.5
FY-97 5 KITS									(5)	6.6
FY-98 5 KITS									(5)	4.7
FY-99 5 KITS									(5)	5.3
FY-00 15 KITS	(14)	15.3							(14)	15.3
FY-01 12 KITS			(13)	12.5					(13)	12.5
TOTAL INSTALL QTY/COST	14	15.3	13	12.5					44	49.8
TOTAL COST (BP-1100)	12	40.8		12.8					44	169.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
3/96 1/97 1/98 1/00 1/01										
4/97 2/98 2/99 1/00 1/01										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									2	1
OUTPUT									2	1
FY-94										
FY-95										
FY-96										
FY-97										
FY-98										
FY-99										
FY-00										
FY-01										
FY-02										
FY-03										
FY-94										
FY-95										
FY-96										
FY-97										
FY-98										
FY-99										
FY-00										
FY-01										
FY-02										
FY-03										
FY-94										
FY-95										
FY-96										
FY-97										
FY-98										
FY-99										
FY-00										
FY-01										
FY-02										
FY-03										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SIMULATOR UPGRADE MN-SIM135
MODELS OF AIRCRAFT AFFECTED: C-135 SIMULATORS
DESCRIPTION/JUSTIFICATION: Part of 3-phased simulator upgrade program encompassing C-141, C-5, KC-10, and KC-135 simulators with a new, state-of-the-art visual system and motion base. These upgrade efforts will allow AMC to move flying proficiency training from the more expensive aircraft to the simulator. Projected savings across all weapon systems when the upgrade is complete is approximately \$34M. This program supports AMC C-MNS 001-93, MNS AMC 021-93, and ORD AMC 021-93 I/II/III. KC-135 motion systems: FY99 6 (\$6.6M) and FY00 (\$10.1M). KC-135 visual systems: FY99 1 (\$6.4M), FY00 2 (\$15.5), FY01 4 (\$23.5), FY02 4 (\$28.6), and FY03 5 (\$31.4).
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC C-135 CLASS P
CENTER: OO-ALC
PE 0401897F TEAM MOBIL

AIRCRAFT BREAKDOWN: Active -- 14 RES -- 3 ANG -- 2
DEVELOPMENT STATUS: None required.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
OGC												

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- MONTHS
FOLLOW-ON LEAD TIME -- MONTHS

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FACT SHEET: C-135 MN-SIM135 SIMULATOR UPGRADE
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER	23.5		28.6	31.4						122.2
SUPPORT-EQUIP										0.2
OGC										122.3
TOTAL COST (BP-1100)		23.6		28.6		31.4				

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)							DATE		
P-1 ITEM NOMENCLATURE: E-3									
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS		1996	1997	1998	1999	2000	2001	2002	2003
COST (in Mil)		\$222.764	\$265.865	\$134.659	\$114.941	\$102.996	\$111.784	\$73.524	\$30.710

This line item funds modifications to the E-3 aircraft. The four engine E-3 is a modified Boeing 707 airframe which carries airborne radar and provides all-altitude air surveillance, threat warning, and control of theater air forces. The overall goal of the modifications budgeted in FY98 is to upgrade the mission systems. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	17600B	REPLACE MAG TAPE TRANSPORT	0.6	0.6	0.1							19.7
	3150	NAVSTAR GLOBAL POSITIONING SYS	32.2	17.3	3.5	1.3						63.0
	3246	HAVE QUICK A-NET	0.1									147.6
	3371	ELECTRONIC SUPPORT MEASURES (E	61.0	94.3	16.8	18.3	0.1					313.2
	3401	JTIDS TADIL J	7.9	16.7	0.4	0.3						40.7
	3402	DATA ANALYSIS PROGRAMMING GROU	28.3	36.7								108.8
	50001A	EXT SEN, COMPUTERS AND DISPLAY	9.9	7.3	23.2	30.9	23.6	28.5				134.4
	50001B	EXT SEN, BACKSHOP	0.6	0.1	3.2							26.7
	50001C	EXTEND SENTRY, COMMUNICATION	11.9	7.7								19.5
	50001E	EXTEND SENTRY, EXECUTION			0.2	0.2	0.2	0.1				2.7
	50001P	PDMA	1.4	2.4	0.2	0.1	0.1	0.1				5.6
	50001R	EXTEND SENTRY, RADAR SYSTEMS	6.8	5.1	10.6							24.4
	50001X	EXTEND SENTRY	15.8	16.0	6.6	1.8	3.3	5.3	8.9	13.9		86.9
	70001C	OFFENSIVE COUNTER AIR		17.0	5.9	1.1						23.9
	7266	RADAR SYSTEM IMPROVEMENT PROGR	45.3	44.7	64.0	61.0	75.7	77.8	64.7	16.8		450.1
	Z88888	REPROGRAMMINGS	0.9									0.9
		CLASS P	222.8	265.9	134.7	114.9	103.0	111.8	73.5	30.7		
		TOTAL FOR E-3	222.8	265.9	134.7	114.9	103.0	111.8	73.5	30.7		

Totals may not add due to rounding.

P-1 SHOPP LIST	PAGE NO.
ITEM NO. 053	

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: REPLACE MAG TAPE TRANSPORT MN-17600B
MODELS OF AIRCRAFT AFFECTED: E-3
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
CENTER: ESC
PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Modification replaces unreliable Magnetic Tape Transport (MTT) with a disk drive system to provide an efficient, reliable, maintainable system for loading data into and recording from the mission computer. The E-3 uses a mixed brand MMT (Ampex and Miltape) 3 in each aircraft. None of the present tape drives meet specified MTBF. Past year average MTBF for both systems runs 289 hours. Maintenance manhours are 7365 with the hard failures totaling 2034 hours. Additionally, upload compatibility between the support system and the tape transports has been a continual problem.

AIRCRAFT BREAKDOWN: Active -- 34 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Initial development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDY&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	34	0.5										
KITS NONRECUR												
EQUIPMENT	(34)	7.3										
EQUIP NONREC												
CHANGE ORDERS		1.6										
DATA		4.1										
SIM/TRAINER		2.7										
SUPPORT-EQUIP		2.2										
ICS				0.6		0.6				0.1		
DEPOT												
ASIF												

TOTAL COST (BP-1100) 34 18.4 0.6 0.6 0.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: E-3 MN-17600B REPLACE MAG TAPE TRANSPORT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS								34	0.5
KITS NONRECUR									7.3
EQUIPMENT									1.6
EQUIP NONREC									4.1
CHANGE ORDERS									2.7
DATA									3.5
SIM/TRAINER									
SUPPORT-EQUIP									
ICS									
DEPOT									
ASIF									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-88									
CONTRACT-DATE (QTR/FY) 4/89									
DELIVERY-DATE (QTR/FY) 4/90									
								34	19.7

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97 EXHIBIT P3A CONGRESSIONAL
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: E-3
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
CENTER: ESC
PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Navstar Global Positioning System (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. This effort is part of the E-3 block 30/35 modification. In FY95, ECP 1204R2 was added to the contract to modify GPS with the Inertial Navigation System (GPS +INS-GINS). A stop work order was initiated for the stand alone GPS equipment that was not common to the GINS equipment configuration. In FY96, a quantity of 22 GINS equipment kits were purchased to enable the ECP to coincide with the depot installation schedule. The 22 kits were for the FY93 buy of three (3), the FY95 buy of nine (9), and an additional kit to retrofit the trial installation A/C. Therefore, aircraft installs in FY96 and on will include the new GINS kits. The install kit costs for GINS, as well as all other Block 30/35 mods, are shown in the ESM mod, MN 3371. GINS installation costs are shown here.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Satellites and control segments are currently in production/deployment. The DoD interservice Group B contract cannot be awarded until all funds from all services are received; therefore, 2nd qtr award is programmed to allow sufficient time for the administrative details. 3600 funding for this program is part of the total block 30/35 effort and is depicted on ESM, Mod 3371.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS	3	0.7										
KITS NONRECUR				8.5								
EQUIPMENT	(12)	7.8	(9)	23.0	(10)	16.7						
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.1				0.1						
SIM/TRAINER												
SUPPORT-EQUIP												
COM MOD KITS				0.8								
INSTALLATION OF HARDWARE												
FY-93 3 KITS	(3)	0.1										
TOTAL INSTALL QTY/COST	3	0.1			9	0.5	9	0.4	10	0.5		
TOTAL COST (BP-1100)	3	8.7		32.2		17.3		3.5		1.3		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 26 MONTHS												
FOLLOW-ON LEAD TIME -- 26 MONTHS												

*** UNCLASSIFIED ***
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FACT SHEET: E-3 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

RDTE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
COM MOD KITS									
INSTALLATION OF HARDWARE									
FY-93 3 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									

*** UNCLASSIFIED ***

DATE 02/14/97
 FY 1998 PB
 MODIFICATION TITLE AND NO: HAVE QUICK A-NET MN-3246
 MODELS OF AIRCRAFT AFFECTED: E-3B/C
 MODIFICATION OF AIRCRAFT
 FY 1998 PROGRAM
 EXHIBIT P3A CONGRESSIONAL
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC E-3 CLASS P

CENTER: ESC
 PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Replaces four AM/ARC-171 UHF radios with a total of four have quick a-net UHF radios. Modification is required to enhance UHF communications effectiveness in an Electronic Countermeasures (ECM) environment.
 AIRCRAFT BREAKDOWN: Active -- 34 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD4E (3600)		1.0										
PROCUREMENT (3010)												
INSTALL KITS	33	18.1										
KITS NONREC	1	2.7										
EQUIPMENT	(33)	104.3										
EQUIP NONREC	(1)	3.7										
CHANGE ORDERS		1.0										
DATA		5.9										
SIM/TRAINER												
SUPPORT-EQUIP		4.2										
ICS		5.0										
INSTALLATION OF HARDWARE												
FY-87	7											
FY-88	3											
FY-89	3											
FY-90	7											
FY-91	5	1.8										
FY-92	9	0.8										
TOTAL INSTALL QTY/COST	34	2.6										
TOTAL COST (BP-1100)	34	147.5										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

FOLLOW-ON LEAD TIME -- 18 MONTHS

INITIAL LEAD TIME -- 24 MONTHS

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FACT SHEET: E-3 MN-3246 HAVE QUICK A-NET (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									33	18.1
KITS NONRECUR									1	2.7
EQUIPMENT										104.3
EQUIP NONREC										3.7
CHANGE ORDERS										1.0
DATA										5.9
SIM/TRAINER										4.3
SUPPORT-EQUIP										5.0
ICS										
INSTALLATION OF HARDWARE										
FY-87 7 KITS										
FY-88 3 KITS										
FY-89 3 KITS										
FY-90 7 KITS									(20)	1.8
FY-91 5 KITS									(5)	0.8
FY-92 9 KITS									(9)	
TOTAL INSTALL QTY/COST									34	2.6
TOTAL COST (BP-1100)									34	147.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-87	FY-88	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95		
2/89	2/89	2/89	1/91	4/91	2/92					
CONTRACT-DATE (QTR/FY)	2/90	2/91	3/92	2/93	1/94					
DELIVERY-DATE (QTR/FY)										

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*** UNCLASSIFIED ***

FACT SHEET: E-3 MN-3246 HAVE QUICK A-NET (CONTINUED)

INSTALLATION SCHEDULE:				FY-87		FY-88		FY-89		FY-90		FY-91				
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT													1			
OUTPUT														1		

INSTALLATION SCHEDULE:				FY-92		FY-93		FY-94		FY-95						
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	3	2	2	2	2	3	3	1	2	2	2	2	2	2		
OUTPUT	5	3	1	3	2	3	2	3	2	3	1	2	2	2		

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DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: ELECTRONIC SUPPORT MEASURES (ESM) MN-3371

MODELS OF AIRCRAFT AFFECTED: E-3B/C

CENTER: ESC

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

PE 0207417F TEAM INFO

*** UNCLASSIFIED ***

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

DESCRIPTION/JUSTIFICATION: The Electronic Support Measures (ESM) system will allow the E-3 to passively detect, locate, and identify airborne, shipborne, and ground based emitters. ESM will also provide threat warning capability. Data from the ESM system will be presented at existing E-3 situation display console displays. ESM is part of the E-3 block 30/35 modification. The development contract includes the kit productions option IAW the ESM US/NATO memorandum of understanding, dated 17 Nov 86. 3600 procured 1 trial install kit in FY92. Install kits include funds for all Block 30/35 mod group A kits. These are combined in the contract as one kit and reflected on this P-3. Installation costs are for all Block 30/35 mods excluding GINS. The FY93 install dollars funded the FY96 installations. A change in funding policy now dictate installs be paid with FY dollars from the year the installation occurs.

AIRCRAFT BREAKDOWN: Active -- 31 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt6E (3600)		86.1		4.6		0.3						
PROCUREMENT (3010)												
INSTALL KITS	12	31.9	9	19.2	10	22.8						
KITS NONRECUR												
EQUIPMENT	(12)	45.2	(9)	33.5	(10)	40.4						
EQUIP NONREC		8.6										
CHANGE ORDERS												
DATA		1.8				0.4		0.4		0.3		0.1
SIM/TRAINER		26.4		6.0		4.1						
SUPPORT-EQUIP		0.7		0.2				1.6		1.6		
ICS		1.3				3.4						
REFURB		1.1										
TRAINING		2.4				0.1		0.3		0.3		
WARRANTY				2.1		6.4						
GFE												
INSTALLATION OF HARDWARE												
FY-93 3 KITS	(3)	3.3			(9)	15.2		14.6	(10)	16.2		
FY-95 9 KITS												
FY-96 9 KITS												
FY-97 10 KITS												
TOTAL INSTALL QTY/COST	3	3.3			9	15.2	9	14.6	10	16.2		
TOTAL COST (BP-1100)	12	122.7	9	61.0	10	94.3		16.8		18.3		0.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 25 MONTHS

FOLLOW-ON LEAD TIME -- 25 MONTHS

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FACT SHEET: E-3 MN-3371 ELECTRONIC SUPPORT MEASURES (ESM) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS								31	73.9
KITS NONRECUR									
EQUIPMENT									119.1
EQUIP NONREC									8.6
CHANGE ORDERS									
DATA									2.9
SIM/TRAINER									10.1
SUPPORT-EQUIP									26.6
ICS									5.4
REFURB									4.7
TRAINING									1.1
WARRANTY									2.5
GFE									9.1

INSTALLATION OF HARDWARE

FY-93	3	KITS	(	3)	3.3
FY-95	9	KITS	(	9)	15.2
FY-96	9	KITS	(	9)	14.6
FY-97	10	KITS	(	10)	16.2

TOTAL INSTALL QTY/COST

					31	49.3
					31	313.2

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
--	-------	-------	-------	-------	-------	-------	-------	-------

CONTRACT-DATE (QTR/FY)	1/94	2/95	1/96	1/96	1/97			
DELIVERY-DATE (QTR/FY)	2/96	2/97	1/98	1/98	1/99			

INSTALLATION SCHEDULE:

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
--	-------	-------	-------	-------	-------	-------	-------	-------	-------

QUARTERS	1	2	3	4	1	2	3	4	1
INPUT									
OUTPUT									

INSTALLATION SCHEDULE:

	FY-98	FY-99	FY-00	FY-01
--	-------	-------	-------	-------

QUARTERS	1	2	3	4
INPUT	2	3	3	3
OUTPUT	3	2	3	3

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: JTIDS TADIL J MN-3401
MODELS OF AIRCRAFT AFFECTED: E-3B/C
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
PE 0207417F TEAM INFO
CENTER: ESC

DESCRIPTION/JUSTIFICATION: Converts E-3 Joint Tactical Information Distribution System (JTIDS) from Interim Joint Message Standard (IJMS) to Tactical Digital Information Link-J (TADIL-J), the new DoD message standard. Replaces Class 1 JTIDS with Class 2H JTIDS terminals. This modification is part of the E-3 block 30/35 modification. 3600 procures 1 trial install in FY92. The install kit costs and installation costs are shown in the ESM mod, MN 3371. The FY93 install dollars funded the FY96 installations. A change in funding policy now dictate installs be paid with FY dollars from the year the installation occurs.

AIRCRAFT BREAKDOWN: Active -- 31 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete. 3600 funding for this program is part of the total block 30/35 program and is depicted on ESM, Mod No. 3371.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS	3	2.2										
KITS NONRECUR												
EQUIPMENT	(12)	11.3	(9)	7.9	(10)	10.0						
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.6										
SIM/TRAINER					(2)	1.8						
SUPPORT-EQUIP						4.9						
ICS		0.2										
GFE												
WARRANTY		0.2										
INSTALLATION OF HARDWARE												
FY-93 3 KITS	(3)	0.9										
TOTAL INSTALL QTY/COST	3	0.9			9		9		10			
TOTAL COST (BP-1100)	3	15.4		7.9		16.7		0.4		0.3		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 25 MONTHS

FOLLOW-ON LEAD TIME -- 25 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: E-3 MN-3401 JTIDS TADIL J
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

RD&E (3600)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	QTY	QTY	QTY	QTY	QTY
AMT	AMT	AMT	AMT	AMT	AMT

PROCUREMENT (3010)

INSTALL KITS					3	2.2
KITS NONRECUR						
EQUIPMENT						29.2
EQUIP NONREC						0.6
CHANGE ORDERS						0.8
DATA						1.8
SIM/TRAINER						4.9
SUPPORT-EQUIP						0.2
ICS						0.1
GFE						0.2
WARRANTY						
INSTALLATION OF HARDWARE						
FY-93 3 KITS					(3)	0.9
TOTAL INSTALL QTY/COST					31	0.9
TOTAL COST (BP-1100)					3	40.7

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
--	-------	-------	-------	-------	-------	-------	-------	-------

CONTRACT-DATE (QTR/FY) 1/94 2/95 1/96 1/97

DELIVERY-DATE (QTR/FY) 2/96 2/97 1/98 1/99

INSTALLATION SCHEDULE:

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00
QUARTERS	1	2	3	4	1	2	3	4
INPUT								
OUTPUT								

INSTALLATION SCHEDULE:

	FY-98	FY-99	FY-00
QUARTERS	1	2	3
INPUT	2	3	1
OUTPUT	3	1	3

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DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

FY 1998 PB

MODIFICATION TITLE AND NO: DATA ANALYSIS PROGRAMMING GROUP (DAPG) MN-3402

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Upgrades the CC-2 main memory and bulk memory of the E-3 block 20/25 DAPG configuration. The DAPG upgrade provides an increase to the main and bulk memory storage capacity. The present CC-2 memory configuration is unable to support ESM requirements and the addition of JTIDS TADIL-J message standard. This modification is part of the E-3 block 30/35 upgrade. Install kit costs and installation costs are shown on ESM mod, MN 3371. The FY93 install dollars funded the FY96 installations. A change in funding policy now dictate installs be paid with FY dollars from the year the installation occurs.

AIRCRAFT BREAKDOWN: Active -- 31 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)						
PROCUREMENT (3010)						
INSTALL KITS	3	0.1				
KITS NONRECUR						
EQUIPMENT	(12)	30.6 (9)	28.3 (10)			
EQUIP NONREC		1.3				
CHANGE ORDERS						
DATA		0.1				
SIM/TRAINER						
SUPPORT-EQUIP						
ICS		0.1				
GFE		10.2				
INSTALLATION OF HARDWARE						
FY-93 3 KITS	(3)	1.4				
TOTAL INSTALL QTY/COST	3	1.4	9	9	10	
TOTAL COST (BP-1100)	3	43.8				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)						

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 25 MONTHS

FOLLOW-ON LEAD TIME -- 25 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: E-3 MN-3402 DATA ANALYSIS PROGRAMMING GROUP (DAPG) (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTEE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									3	0.1
KITS NONRECUR										
EQUIPMENT										87.5
EQUIP NONREC										1.3
CHANGE ORDERS										0.1
DATA										8.1
SIM/TRAINER										0.1
SUPPORT-EQUIP										10.2
ICS										
GFE										
INSTALLATION OF HARDWARE										
FY-93 3 KITS							(3)			1.4
TOTAL INSTALL QTY/COST									31	1.4
TOTAL COST (BP-1100)									3	108.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									1	1
OUTPUT									1	1
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									1	1
OUTPUT									1	1

*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: EXT SEN, COMPUTERS AND DISPLAYS MN-50001A
MODELS OF AIRCRAFT AFFECTED: E-3
DESCRIPTION/JUSTIFICATION: (Previously 5001D - Data Display Equipment) A 2 phase project that parallels the NATO Midterm Program to upgrade E-3 legacy Mission System Computers, Display processors, and Displays. The project transitions the closed hardware and software of the current system to a state-of-the-art COTS based architecture that will allow the E-3 to take advantage in the rapid advances in computing technology. Specific projects include: Replacement Digital Multiplexer (RDMX), Electronics Command Signal Programmer (ECSP), A-3 Card Replacement, Line Printer and Best of Breed Tracker (BBT). The RDMX and BBT will be installed along with Block 30/35 starting with install #15. The remaining 18 aircraft will be installed during phase maintenance. ECSP and the A-3 will also be installed during phase maintenance. FY94 funds put on contract in FY96 for RDMX group B kits for the A/C and support facilities. Includes portions of MN99999A/S/X. These projects sum to support the entire fleet, not just a subset of 21 aircraft.
AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0
MODIFICATION OF AIRCRAFT: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
CENTER: ESC
PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: (Previously 5001D - Data Display Equipment) A 2 phase project that parallels the NATO Midterm Program to upgrade E-3 legacy Mission System Computers, Display processors, and Displays. The project transitions the closed hardware and software of the current system to a state-of-the-art COTS based architecture that will allow the E-3 to take advantage in the rapid advances in computing technology. Specific projects include: Replacement Digital Multiplexer (RDMX), Electronics Command Signal Programmer (ECSP), A-3 Card Replacement, Line Printer and Best of Breed Tracker (BBT). The RDMX and BBT will be installed along with Block 30/35 starting with install #15. The remaining 18 aircraft will be installed during phase maintenance. ECSP and the A-3 will also be installed during phase maintenance. FY94 funds put on contract in FY96 for RDMX group B kits for the A/C and support facilities. Includes portions of MN99999A/S/X. These projects sum to support the entire fleet, not just a subset of 21 aircraft.
AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			26	0.5	23	1.1	23	3.5	13	4.7	16	3.6
KITS NONRECUR												
EQUIPMENT	(5)	3.3	(21)	4.3	(23)	5.5	(23)	17.5	(13)	23.3	(16)	17.8
EQUIP NONREC		2.0		3.5								
CHANGE ORDERS												
DATA				0.2		0.1		0.4		0.6		0.4
SIM/TRAINER				0.6								
SUPPORT-EQUIP		5.9										
INSTALLATION OF HARDWARE			(26)	0.8	(23)	0.6	(23)	1.8	(13)	2.4	(16)	1.8
FY-96 26 KITS												
FY-97 23 KITS												
FY-98 23 KITS												
FY-99 13 KITS												
FY-00 16 KITS												
FY-01 27 KITS												
TOTAL INSTALL QTY/COST			26	0.8	23	0.6	23	1.8	13	2.4	16	1.8
TOTAL COST (BP-1100)		11.1	26	9.9	23	7.3	23	23.2	13	30.9	16	23.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- MONTHS												
FOLLOW-ON LEAD TIME -- MONTHS												

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FACT SHEET: E-3 MN-50001A EXT SEN, COMPUTERS AND DISPLAYS (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
27	4.3							128	17.7

PROCUREMENT (3010)

INSTALL KITS									
KITS NONRECUR	(27)	21.5							93.2
EQUIPMENT									5.5
EQUIP NONREC									2.3
CHANGE ORDERS									0.6
DATA									5.9
SIM/TRAINER									0.8
SUPPORT-EQUIP									0.6
INSTALLATION OF HARDWARE									1.8
FY-96 26 KITS						(26)			2.4
FY-97 23 KITS						(23)			1.8
FY-98 23 KITS						(23)			2.4
FY-99 13 KITS						(13)			1.8
FY-00 16 KITS						(16)			2.2
FY-01 27 KITS	(27)	2.2				(27)			9.5
TOTAL INSTALL QTY/COST	27	2.2				128			134.4

TOTAL COST (BP-1100) 27 28.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-94		FY-95		FY-96		FY-97		FY-98		FY-99		FY-00		FY-01		FY-02	
QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY	QTR/FY
1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96	1/96
1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01	1/01

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1
INPUT																	
OUTPUT																	

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1
INPUT																	
OUTPUT																	

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: EXT SEN, BACKSHOP MN-50001B
MODELS OF AIRCRAFT AFFECTED: E-3
CENTER: ESC
PE 0207417F TEAM INFO
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. The EXTEND SENTRY backshop effort resolves infrastructure problems and procures new backshop test equipment, including an RF BRAT and "can not duplicate" tester. The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year. FY94 fallout funds put on contract in FY96 to purchase 2 Radio Frequency Noise Analyzers test sets. Includes portions of MN99999A/S/X.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: See note on MN 50001X.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD16E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA		0.3		0.3								
SIM/TRAINER												
SUPPORT-EQUIP		22.4		0.3		0.1						
GFE		0.1										
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		22.8		0.6		0.1				3.2		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 3 MONTHS												
FOLLOW-ON LEAD TIME -- 3 MONTHS												

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FACT SHEET: E-3 MN-50001B EXT SEN, BACKSHOP
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										0.7
SIM/TRAINER										25.9
SUPPORT-EQUIP										0.1
GFE										
INSTALLATION OF HARDWARE										
TOTAL INSTALL QTY/COST										
TOTAL COST (BP-1100)										26.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-94	FY-95	FY-96	FY-97	FY-98					
CONTRACT-DATE (QTR/FY)			2/96	1/97	1/98					
DELIVERY-DATE (QTR/FY)			3/96	2/97	2/98					

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: EXTEND SENTRY, COMMUNICATION EQUIPMENT/SYSTEMS MN-50001C
MODELS OF AIRCRAFT AFFECTED: E-3
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
CENTER: ESC
PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. The EXTEND SENTRY communications effort encompasses improvements to the E-3 communication suite as well as addressing vanishing vendor and parts obsolescence issues and reliability problems. This effort includes procurement of HF radio with ALE. The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: See note on MN 50001X.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			33	0.9	33	0.7						
KITS NONRECUR												
EQUIPMENT			(33)	7.2	(33)	5.2						
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER				0.1		0.1						
SUPPORT-EQUIP				0.1		0.1						
INSTALLATION OF HARDWARE				3.3								
FY-96 33 KITS			(33)	0.3	(33)	1.6						
FY-97 33 KITS												
TOTAL INSTALL QTY/COST			33	0.3	33	1.6						
TOTAL COST (BP-1100)			33	11.9	33	7.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												
INITIAL LEAD TIME -- 3 MONTHS												
FOLLOW-ON LEAD TIME -- 3 MONTHS												

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FACT SHEET: E-3 MN-50001C EXTEND SENTRY, COMMUNICATION EQUIPMENT/SYSTEMS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTEE (3600)									
PROCUREMENT (3010)									
INSTALL KITS								66	1.6
KITS NONRECUR									
EQUIPMENT									12.4
EQUIP NONREC									
CHANGE ORDERS									
DATA									0.2
SIM/TRAINER									0.2
SUPPORT-EQUIP									3.3
INSTALLATION OF HARDWARE									
FY-96	33	KITS						(33)	0.3
FY-97	33	KITS						(33)	1.6
TOTAL INSTALL QTY/COST								66	2.0
								66	19.5
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-94	FY-95	FY-96	FY-97	FY-98					
		1/96	1/97	1/98					
		2/96	2/97	2/98					
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
INSTALLATION SCHEDULE:									
FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03
1	2	3	4	1	2	3	4	1	2
QUARTERS									
INPUT									
OUTPUT									

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DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO: PDMA MN-50001P

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. PDMA or Periodic Depot Maintenance/Airframe. This mod is a collection of smaller, low-cost projects designed to upgrade the equipment used in PDM or to improve the reliability of the E-3 airframe. Examples include Mid-spar Support and Special Tooling. The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year. Includes portions of MN99999A/S/X.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			1	0.1	1	0.2	5		2		3	
KITS NONRECUR	1.4			0.9								
EQUIPMENT	(1)		(1)	0.3	(1)	2.1	(5)	0.2	(2)	0.1	(3)	0.1
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE			(1)		(1)	0.2	(5)		(2)		(3)	
FY-96 1 KITS												
FY-97 1 KITS												
FY-98 5 KITS												
FY-99 2 KITS												
FY-00 3 KITS												
FY-01 2 KITS												
TOTAL INSTALL QTY/COST			1		1	0.2	5		2		3	
TOTAL COST (BP-1100)	1.4		1	1.4	1	2.4	5	0.2	2	0.1	3	0.1

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

FOLLOW-ON LEAD TIME -- MONTHS

*** UNCLASSIFIED ***

FACT SHEET: E-3 MN-50001P PDMA
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)					

PROCUREMENT (3010)

INSTALL KITS	2				14	0.3
KITS NONRECUR						2.3
EQUIPMENT	(2)	0.1				2.8
EQUIP NONREC						
CHANGE ORDERS						
DATA						

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-96	1				(1)	0.0
FY-97	1				(1)	0.2
FY-98	5				(5)	0.0
FY-99	2				(2)	0.0
FY-00	3				(3)	0.0
FY-01	2				(2)	0.0
TOTAL INSTALL QTY/COST	2				14	0.2
TOTAL COST (BP-1100)	2	0.1			14	5.6

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02
CONTRACT-DATE (QTR/FY)		1/96	1/97	1/98	1/99	1/00	1/01	
DELIVERY-DATE (QTR/FY)		4/96	4/97	4/98	4/99	4/00	4/01	

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					1				1	1	1	1
OUTPUT						1			1	1	1	1

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4
INPUT					1			
OUTPUT						1		

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: EXTEND SENTRY, RADAR SYSTEMS MN-50001R
MODELS OF AIRCRAFT AFFECTED: E-3
CENTER: ESC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. These improvements are required to sustain the aircraft. The EXTEND SENTRY radar group addresses surveillance radar failures, mission aborts, code 3's, and can not duplicate events. Several of the actions represent critically needed technology insertion of the radar transmit chain, which is currently dependent upon a declining capability. The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year. FY94 funds put on contract in FY96 to purchase 33 L1s and will be installed through attrition maintenance.

AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: See note on MN 50001X.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			41	0.6	43	0.8	72	1.8				
KITS NONRECUR												
EQUIPMENT	(33)	1.9	(41)	4.6	(43)	3.8	(72)	7.6				
EQUIP NONREC												
CHANGE ORDERS												
DATA				0.2								
SIM/TRAINER				0.6								
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE			(41)	0.8	(43)	0.4	(72)	1.2				
FY-96 41 KITS												
FY-97 43 KITS												
FY-98 72 KITS												
TOTAL INSTALL QTY/COST			41	0.8	43	0.4	72	1.2				
TOTAL COST (BP-1100)		1.9	41	6.8	43	5.1	72	10.6				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM												

FOLLOW-ON LEAD TIME -- 0 MONTHS

INITIAL LEAD TIME -- 3 MONTHS

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FACT SHEET: E-3 MN-50001R EXTEND SENTRY, RADAR SYSTEMS (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RT&E (3600)

PROCUREMENT (3010)

INSTALL KITS									156	3.2
KITS NONRECUR										
EQUIPMENT										18.0
EQUIP NONREC										
CHANGE ORDERS										0.3
DATA										0.6
SIN/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-96 41 KITS							(41)			0.8
FY-97 43 KITS							(43)			0.4
FY-98 72 KITS							(72)			1.2
TOTAL INSTALL QTY/COST									156	2.4
									156	24.4

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99
CONTRACT-DATE (QTR/FY)	1/96	1/96	1/97	1/97	1/98	
DELIVERY-DATE (QTR/FY)	1/96	1/96	1/97	1/97	1/98	

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT					10	10	10	11	11	11	11	18
OUTPUT												18

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4
INPUT				
OUTPUT				18

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: EXTEND SENTRY MN-50001X
MODELS OF AIRCRAFT AFFECTED: E-3
CENTER: ESC
DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. Improvements must be made to the E-3 mission equipment and aircraft systems to keep the aircraft flying. These improvements are required to sustain the aircraft. Efforts include guidance, communications, radar systems, corrosion control, fluids & pneumatics, and computer displays. The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year. These funds cover all Extend Sentry contract award fee's MITRE, TEMS, and Travel, and miscellaneous engineering services tasks. FY94 funds put on contract in FY96 for seven (7) IFF kits and eleven (11) CCAs (installation: field TCTO, no install kits required). Includes portions of MN999999A/S/X.
AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: EXTEND SENTRY is a family of modifications to the E-3 mission equipment and aircraft systems that is designed to keep the aircraft flying into the 21st century. Improvements must be made to the E-3 mission equipment and aircraft systems to keep the aircraft flying. These improvements are required to sustain the aircraft. Efforts include guidance, communications, radar systems, corrosion control, fluids & pneumatics, and computer displays. The funds on this P3A cover several separate, but related, E-3 sustainment efforts which are accomplished annually. As such, the "Total Qty" column reflects the total of these separate modifications per year. These funds cover all Extend Sentry contract award fee's MITRE, TEMS, and Travel, and miscellaneous engineering services tasks. FY94 funds put on contract in FY96 for seven (7) IFF kits and eleven (11) CCAs (installation: field TCTO, no install kits required). Includes portions of MN999999A/S/X.
AIRCRAFT BREAKDOWN: Active -- 33 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development line has all 3600 funds for all Extend Sentry projects. This is done this way because there is no total one to one correlation between all the 3600 and 3010 for these projects.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)				25.0		26.7		14.3		2.7		12.2
PROCUREMENT (3010)			1	0.6								
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	(7)	5.2	(1)	3.2								
EQUIP NONREC												
CHANGE ORDERS												
DATA												0.9
SIM/TRAINER												
SUPPORT-EQUIP		8.2		0.2		8.0						
OGC		1.9		11.7		7.9		6.6		1.8		2.4
INSTALLATION OF HARDWARE												
FY-96 1 KITS					(1)	0.2						
TOTAL INSTALL QTY/COST					1	0.2						
TOTAL COST (BP-1100)		15.3	1	15.8		16.0		6.6		1.8		3.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --- DEPOT/FIELD TEAM												

FOLLOW-ON LEAD TIME -- 3 MONTHS

INITIAL LEAD TIME -- 3 MONTHS

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FACT SHEET: E-3 MN-50001X EXTEND SENTRY
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)		22.3		7.0		25.0				
PROCUREMENT (3010)										
INSTALL KITS									1	0.6
KITS NONRECUR										
EQUIPMENT										8.5
EQUIP NONREC										
CHANGE ORDERS		2.8		5.8		10.5				20.0
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
OGC		2.5		3.1		3.4				16.4
INSTALLATION OF HARDWARE										41.2
FY-96 1 KITS									(1)	0.2
TOTAL INSTALL QTY/COST									1	0.2
TOTAL COST (BP-1100)		5.3		8.9		13.9			1	86.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-94 FY-95 FY-96 FY-97										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: OFFENSIVE COUNTER AIR MN-70001C
MODELS OF AIRCRAFT AFFECTED: E-3
CENTER: ESC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P
PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Offensive Counter Air is responsible for near and long term upgrades to the E-3 combat ID technology including Tactical Intelligence Broadcast System (TIBS). Overall focus is to ensure AWACS is DII/COE/GCCS compatible.

DEVELOPMENT STATUS: The 3600 funds support various Concept Exploration and Program Definition/Risk Reduction efforts (such as DII-GCCS compliance and incremental software upgrade) within the Offensive-Air IPT.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)				10.6			20.2			12.5		3.8
PROCUREMENT (3010)												
INSTALL KITS			21	0.5	12	0.2						
KITS NONRECUR				0.3								
EQUIPMENT			(21)	8.0	(12)	2.0						
EQUIP NONREC				2.4								
CHANGE ORDERS						2.5				0.1		
DATA				0.2								
SIM/TRAINER												
SUPPORT-EQUIP				5.5		0.9				0.9		
OGC				0.1								
TRAINING												
ICS						0.1						
REFURB												
GFE												
INSTALLATION OF HARDWARE					(21)	0.2			(12)	0.1		
FY-97 21 KITS												
FY-98 12 KITS												
TOTAL INSTALL QTY/COST							21	0.2	12	0.1		
TOTAL COST (BP-1100)			21	17.0	12	5.9				1.1		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION --- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: E-3 MN-70001C OFFENSIVE COUNTER AIR
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)		5.3		6.6		7.3				
PROCUREMENT (3010)										
INSTALL KITS									33	0.7
KITS NONREC										0.3
EQUIPMENT										10.0
EQUIP NONREC										2.4
CHANGE ORDERS										2.5
DATA										0.2
SIM/TRAINER										7.3
SUPPORT-EQUIP										0.1
OGC										0.1
TRAINING										
ICS										
REFURB										
GFE										
INSTALLATION OF HARDWARE										
FY-97 21 KITS									(21)	0.2
FY-98 12 KITS									(12)	0.1
TOTAL INSTALL QTY/COST									33	0.3
TOTAL COST (BP-1100)									33	23.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT									7	7
OUTPUT									7	7
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4						
INPUT	4	4	4	4						
OUTPUT	4	4	4	4						

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DATE 02/14/97

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT F3A CONGRESSIONAL

FY 1998 PB

MODIFICATION TITLE AND NO: RADAR SYSTEM IMPROVEMENT PROGRAM MN-7266

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-3 CLASS P

MODELS OF AIRCRAFT AFFECTED: E-3B/C

CENTER: ESC

PE 0207417F TEAM INFO

DESCRIPTION/JUSTIFICATION: Funds concurrent acquisition and retrofit of the Radar System Improvement Program (RSIP) to enhance radar detection, ECM, and improve and expand radar maintenance capabilities. RSIP will improve R&M and provide additional computing capacity needed for future radar improvements.

AIRCRAFT BREAKDOWN: Active -- 32 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Development complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)		97.3		31.1								
PROCUREMENT (3010)												
INSTALL KITS			2	0.4	2	0.6	4	1.1	5	0.9	6	1.1
KITS NONRECUR				1.5								
EQUIPMENT			2	20.3	2	14.7	4	28.2	5	42.2	6	51.3
EQUIP NONREC				16.1		4.8		8.5		1.7		2.4
CHANGE ORDERS							1.4			0.6		3.1
DATA				0.7		0.4						0.4
SIM/TRAINER						0.9		15.6		8.6		0.7
SUPPORT-EQUIP				3.8		0.5		0.5				
REFURB				0.8		18.1		0.6		1.2		7.8
COMMODITY MOD				0.3		1.0		2.1		2.7		3.4
ICS												
OGC				0.3		3.7		1.2		0.8		0.8
GFE				1.1		0.1		1.2		0.7		0.3
INSTALLATION OF HARDWARE							(2)	3.7		1.6	(4)	4.3
FY-96 4 KITS												
FY-97 4 KITS												
FY-98 8 KITS												
FY-99 10 KITS												
FY-00 12 KITS												
FY-01 14 KITS												
FY-02 10 KITS												
FY-03 2 KITS												

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: E-3 MN-7266 RADAR SYSTEM IMPROVEMENT PROGRAM (CONTINUED)

RDt&E (3600)

PROCUREMENT (3010)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	AMT	QTY	AMT	QTY	AMT
7	1.6	5	1.1	1	0.4
7	61.2	5	44.6	1	9.1
	5.2		6.9		3.9
	0.4		0.4		
	1.0				
	1.6		5.9		
	3.9		2.8		0.4
	0.8		0.5		0.5
	0.3		0.2		0.2

INSTALLATION OF HARDWARE

FY-96	4	KITS	(	2)	3.7
FY-97	4	KITS	(	2)	1.6
FY-98	8	KITS	(	4)	4.3
FY-99	10	KITS	(	5)	1.7
FY-00	12	KITS	(	6)	2.0
FY-01	14	KITS	(	7)	2.3
FY-02	10	KITS			
FY-03	2	KITS			

TOTAL INSTALL QTY/COST 5 1.7 6 2.0 7 2.3 26 15.7

TOTAL COST (BP-1100) 14 77.8 10 64.7 2 16.8 64 450.1

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	FY-05
CONTRACT-DATE (QTR/FY)				2/96	1/97	1/98	1/99	1/00	1/01	1/02		1/04	
DELIVERY-DATE (QTR/FY)				2/98	1/99	1/00	1/01	1/02	1/03	1/04		1/06	

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	
INPUT	1	1	1	1	1	1	1	1	1	1	1	1	1
OUTPUT	1	1	1	1	1	1	1	1	1	1	1	1	1

INSTALLATION SCHEDULE:

QUARTERS	1	2	3	4	1	2	3	4					
INPUT	2	2	1	1	1	1	1	1					
OUTPUT	1	2	2	2	1	1	1	1					

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)										DATE	FEBRUARY 1997
P-1 ITEM NOMENCLATURE: E-4											
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS											
COST (In Mil)											
	1996	1997	1998	1999	2000	2001	2002	2003			
	\$8,580	\$3,909	\$11,385	\$5,417	\$18,350	\$20,306	\$11,874	\$5,925			

This line item funds modifications to the E-4B aircraft. The four engine E-4B is a highly modified Boeing 747-200 airframe used in support of the mission of the National Airborne Operations Center (NAOC). NAOC provides the National Command Authorities with a survivable airborne command and control platform and gives the President ready access to the National Military Command System. The major modifications budgeted in FY98 is the Global Positioning System (GPS) and the Traffic Alert & Collision Avoidance System (TCAS). The specific modifications budgeted and programmed are below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A		LOW COST SAFETY MODIFICATIONS					0.9	1.9	2.0	2.0		6.8
			CLASS P-S TOTAL FOR E-4					0.9	1.9	2.0	2.0		
P	3149T		TRAFFIC ALERT & COLLISION AVOID		2.0	2.2							4.2
	3150		NAVSTAR GLOBAL POSITIONING SYS	1.5	1.2	1.0			0.2	0.1			15.9
	3445		UNIVERSAL MODEM				5.2						10.5
	3505		MODIFIED MINUTRE RECEIVE TERM					12.0	18.2	7.7	1.6		39.5
	99999S		SERVICE BULLETINS		0.4	6.1	0.1	0.4		2.1	2.2		19.6
	99999X		LOW COST MODIFICATIONS		0.3	2.1	0.1				0.1		3.7
	288888		REPROGRAMMINGS	7.1									1.7
			CLASS P TOTAL FOR E-4	8.6	3.9	11.4	5.4	17.5	18.4	9.9	3.9		
			TOTAL FOR E-4	8.6	3.9	11.4	5.4	18.4	20.3	11.9	5.9		

Totals may not add due to rounding.

P-1 SHOPP LIST
ITEM NO. 054

PAGE NO.

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: E-4B
CENTER: OC-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-4 CLASS P
PE 0302015F TEAM INFO

DESCRIPTION/JUSTIFICATION: The Navstar Global Positioning system (GPS) provides worldwide three-dimensional positioning/navigation for military aircraft. Satellites broadcast high accuracy data signals which are received by user equipment to compute platform position/velocity and provide steering vectors to target locations. The GPS module is embedded in a FMS-800. The addition the design will include and Electronic Flight Instrument System (EFIS-10) "glass cockpit" and replace the Delco Carousel IV-AF INS with the LTN-92 ring laser gyro INS. The prototype installation is currently ongoing.

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Complete.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS	3	1.7	1	0.6								
KITS NONREC	(2)	3.2		0.1								
EQUIPMENT	(3)	2.3	(1)	0.7								
EQUIP NONREC	(2)	3.1		0.1								
CHANGE ORDERS												
DATA		1.1										
SIM/TRAINER				0.2								
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-94 2 KITS	(1)	0.8			(2)	1.2	(1)	0.6				
FY-95 1 KITS												
FY-96 1 KITS												
TOTAL INSTALL QTY/COST	1	0.8			2	1.2	1	0.6				
TOTAL COST (BP-1100)	3	12.2	1	1.5		1.2		1.0				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 18 MONTHS												

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FACT SHEET: E-4 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD7&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									4	2.3
KITS NONRECUR										3.3
EQUIPMENT										3.0
EQUIP NONREC										3.2
CHANGE ORDERS										
DATA										1.5
SIM/TRAINER										0.2
SUPPORT-EQUIP										
OGC										
INSTALLATION OF HARDWARE										
FY-94 2 KITS							(1)			0.8
FY-95 1 KITS							(2)			1.2
FY-96 1 KITS							(1)			0.6
TOTAL INSTALL QTY/COST									4	2.6
TOTAL COST (BP-1100)									4	15.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-94 FY-95 FY-96 FY-97 FY-98										
CONTRACT-DATE (QTR/FY)	4/94	4/95	1/96							
DELIVERY-DATE (QTR/FY)	4/96	2/97	1/98							
INSTALLATION SCHEDULE:										
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4		
INPUT										
OUTPUT										

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: UNIVERSAL MODEM MN-3445
MODELS OF AIRCRAFT AFFECTED: E-4
CENTER: OC-ALC
PE 0302015F TEAM INFO
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-4 CLASS P

DESCRIPTION/JUSTIFICATION: The universal modem (UM) is a joint service, international, acquisition in which the army is the lead service. The UM will provide survivable, anti-jam, low probability of exploitation, interoperable, super high frequency command, control connectivity for military forces during all phases of conflict. The E-4B airborne terminal variant of the UM will be a replacement for the existing AN/USC-28 system.

AIRCRAFT BREAKDOWN: Active -- 4 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/a.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONREC												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 2 KITS												
FY-00 2 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CLS												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

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(CONTINUED)

FACT SHEET: E-4 MN-3445 UNIVERSAL MODEM
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS 4 1.8
KITS NONRECUR 1.4
EQUIPMENT 0.8
EQUIP NONREC 3.2
CHANGE ORDERS 1.2
DATA 1.8

SIM/TRAINER
SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-99	2	KITS	(2)	0.2						
FY-00	2	KITS			0.1			(2)	0.2	
								(2)	0.1	
TOTAL INSTALL QTY/COST		2	0.2	2	0.1			4	0.3	
TOTAL COST (BP-1100)			0.2		0.1			4	10.5	

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-96		FY-97		FY-98		FY-99		FY-00		FY-01		FY-02	
CONTRACT-DATE (QTR/FY)						1/99		1/00					
DELIVERY-DATE (QTR/FY)						1/01		1/02					

INSTALLATION SCHEDULE:

FY-01		FY-02	
QUARTERS	1 2 3 4	1 2 3 4	
INPUT	1 1 1 1	1 1 1 1	
OUTPUT	1 1 1 1	1 1 1 1	

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS			P-1 ITEM NOMENCLATURE: E-8				
	1996	1997	1998	1999	2000	2001	2002
COST (In Mil)				\$72.854			2003

This line item funds modifications to the E-8 aircraft. The E-8 is a modified Boeing 707-300 airframe called Joint Surveillance and Target Attack Radar System (JSTARS). The JSTARS was developed for ground surveillance, targeting and battle management. The overall goal of the modifications budgeted in FY99 are to upgrade the mission systems due to diminishing manufacturing sources. The specific modifications are budgeted and programmed below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	GPC	GENERAL PURPOSE COMPUTER REPLA				17.5						17.5
	OWS	OPERATOR WORKSTATION REPLACEME				25.7						25.7
	PSP	PROGRAMMABLE SIGNAL PROCESSOR				14.7						14.7
	RC/PCU	RADAR CONTROL UNIT/PROCESSOR C				15.0						15.0
CLASS P TOTAL FOR E-8B						72.9						
TOTAL FOR E-8B						72.9						

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 055	PAGE NO.	494
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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: GENERAL PURPOSE COMPUTER REPLACEMENT MN-GPC
MODELS OF AIRCRAFT AFFECTED: E-8C
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-8 CLASS P
PE 0207581F TEAM INFO

DESCRIPTION/JUSTIFICATION: Mod required due to diminishing manufacturing sources. This mod will reduce the current qty of 5 militarized general purpose computers (DMS articles) with 2 commercial-off-the-shelf general purpose computers will meet the current operational requirements.
DEVELOPMENT STATUS: These mods will be for aircraft 1-6 of the Joint Star fleet. The proposal for the non-recurring (NRE) development is expected 2nd qtr FY97. The NRE will be one contract action. The actual modifications to aircraft 1-6 will be one separate contract action.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR																		
EQUIPMENT																		
EQUIP NONREC																		
CHANGE ORDERS																		
DATA																		
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-99 12 KITS													(12)					
TOTAL INSTALL QTY/COST																		
TOTAL COST (BP-1100)																		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: E-8 MN-GPC GENERAL PURPOSE COMPUTER REPLACEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									12	1.5
KITS NONRECUR										
EQUIPMENT										5.6
EQUIP NONREC										
CHANGE ORDERS										
DATA										1.6
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-99 12 KITS							(12)			8.8
TOTAL INSTALL QTY/COST									12	8.8
TOTAL COST (BP-1100)									12	17.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01				
CONTRACT-DATE (QTR/FY)				2/99						
DELIVERY-DATE (QTR/FY)				2/01						

INSTALLATION SCHEDULE: FY-01

QUARTERS	1	2	3	4
INPUT	4	6	2	
OUTPUT	4	6	2	

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: OPERATOR WORKSTATION REPLACEMENT MN-OWS
MODELS OF AIRCRAFT AFFECTED: E-8C
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-8 CLASS P
CENTER: ESC
PE 0207581F TEAM INFO

DESCRIPTION/JUSTIFICATION: Mod required due to potential diminishing manufacturing sources and to retrofit the delivered assets to the new design. This mod will replace the current 18 militarized operator work stations with 18 commercial-off-the-shelf operator workstations which continue to meet the current operational requirements.

DEVELOPMENT STATUS: These mods will be for aircraft 1-6 of the Joint Star fleet. The proposal for the non-recurring (NRE) development is expected 2nd qtr FY97. The NRE will be one contract action. The actual modifications to aircraft 1-6 will be one separate contract action.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTEE (3600)						9.1		3.7				
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-99 108 KITS									(108)	4.2		
TOTAL INSTALL QTY/COST									108	4.2		
TOTAL COST (BP-1100)									108	25.7		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: E-8 MN-OWS OPERATOR WORKSTATION REPLACEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
	QTY	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT	AMT

RDt&E (3600)

PROCUREMENT (3010)

INSTALL KITS					108
KITS NONRECUR					
EQUIPMENT					19.7
EQUIP NONREC					
CHANGE ORDERS					1.8
DATA					
SIM/TRAINER					
SUPPORT-EQUIP					
INSTALLATION OF HARDWARE					
FY-99 108 KITS				(108)	4.2
TOTAL INSTALL QTY/COST				108	4.2
TOTAL COST (BP-1100)				108	25.7

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
--	-------	-------	-------	-------	-------	-------

CONTRACT-DATE (QTR/FY)

DELIVERY-DATE (QTR/FY)

INSTALLATION SCHEDULE: FY-01

QUARTERS	1	2	3	4
INPUT	36	54	18	
OUTPUT	36	54	18	

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: PROGRAMMABLE SIGNAL PROCESSOR MN-PSP
MODELS OF AIRCRAFT AFFECTED: E-8C
CENTER: ESC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-8 CLASS P
PE 0207581F TEAM INFO

DESCRIPTION/JUSTIFICATION: Mod required due to diminishing manufacturing sources. This mod will replace the current militarized Programmable Signal Processor (PSP) with a commercial-off-the-shelf PSP which continue to meet the current operational requirements.

DEVELOPMENT STATUS: These mods will be for aircraft 1-6 of the Joint Star fleet. The proposal for the non-recurring (NRE) development is expected 2nd qtr FY97. The NRE will be one contract action. The actual modifications to aircraft 1-6 will be one separate contract action.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)			14.8	19.9	8.9	
PROCUREMENT (3010)						
INSTALL KITS						
KITS NONRECUR					6	0.1
EQUIPMENT					(6)	7.6
EQUIP NONREC						
CHANGE ORDERS						2.7
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY-99 6 KITS					(6)	4.3
TOTAL INSTALL QTY/COST					6	4.3
TOTAL COST (BP-1100)					6	14.7

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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FACT SHEET: E-8 MN-PSP PROGRAMMABLE SIGNAL PROCESSOR
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

[illegible]

PROCUREMENT (3010)	
INSTALL KITS	
KITS NONRECUR	6
EQUIPMENT	
EQUIP NONREC	0.1
CHANGE ORDERS	
DATA	7.6
	2.7

SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE
FY--99 6 KITS
TOTAL INSTALL QTY/COST
TOTAL COST (BP-1100)

TOTAL COST (BP-1100)	6	14.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)		
MILESTONES		

	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01
CONTRACT-DATE (QTR/FY)	---	---	---	---	---	---
DELIVERY-DATE (QTR/FY)				2/99		
				2/01		

INSTALLATION SCHEDULE: FY-01			
QUARTERS	1	2	3
INPUT	2	3	1
OUTPUT	2	3	1

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: RADAR CONTROL UNIT/PROCESSOR CONTROL UNIT MN-RC/PCU
MODELS OF AIRCRAFT AFFECTED: E-8C
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC E-8 CLASS P
CENTER: ESC
PE 0207581F TEAM INFO

DESCRIPTION/JUSTIFICATION: Mod required due to diminishing manufacturing sources. This mod will replace the current mlitlarized RCU/PCU with commercial-off-the-shelf RCU/PCU which continues to meet the current operational requirements.

DEVELOPMENT STATUS: These mods will be for aircraft 1-6 of the Joint Star fleet. The proposal for the non-recurring (NRE) development is expected 2nd qtr FY97. The NRE will be one contract action. The actual modifications to aircraft 1-6 will be one separate contract action.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDT&E (3600)						1.4			7.6			3.9			3.8			
PROCUREMENT (3010)																		
INSTALL KITS																		
KITS NONRECUR													12		0.8			
EQUIPMENT													(12)		6.4			
EQUIP NONREC																		
CHANGE ORDERS																		
DATA															7.8			
SIM/TRAINER																		
SUPPORT-EQUIP																		
INSTALLATION OF HARDWARE																		
FY-99 12 KITS																		
TOTAL INSTALL QTY/COST																		
TOTAL COST (BP-1100)													12		15.0			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 24 MONTHS

FOLLOW-ON LEAD TIME -- 24 MONTHS

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: E-8 MN-RC/PCU RADAR CONTROL UNIT/PROCESSOR CONTROL UNIT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									12	0.8
KITS NONRECUR										
EQUIPMENT										6.4
EQUIP NONREC										
CHANGE ORDERS										
DATA										7.8
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-99 12 KITS										
TOTAL INSTALL QTY/COST									12	15.0
TOTAL COST (BP-1100)										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96			FY-97		FY-98		FY-99		FY-00	
CONTRACT-DATE (QTR/FY)							2/99			
DELIVERY-DATE (QTR/FY)							2/01			

INSTALLATION SCHEDULE:

QUARTERS	FY-01	1	2	3	4
INPUT		12			
OUTPUT		12			

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*** UNCLASSIFIED ***

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	FEBRUARY 1997
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: H-1			
	1996	1997	1998	1999	2000	2001	2002
	\$18,381	\$8,759	\$2,778	\$18,854	\$0,278	\$0,644	\$0,648
COST (in Mil)							

This line item funds modifications to the UH-1N aircraft. The two engine UH-1N is a light-lift, utility helicopter primarily used for missile site and range support and distinguished visitor airlift support. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P-S	99999A	LOW COST SAFETY MODIFICATIONS		0.3	0.1	0.2	0.3	0.6	0.7	0.6		2.8
		CLASS P-S TOTAL FOR H-1		0.3	0.1	0.2	0.3	0.6	0.7	0.6		
P	3150	NAVSTAR GLOBAL POSITIONING SYS	3.0			0.8						3.8
	8432	INTEGRATED DATA ACQUISITION RE	6.0		2.6	1.0						9.6
	T8123	FLEXPLATE MAIN DRIVESHAFT	5.9	5.1								11.0
	TCAS	TRAFFIC COLLISION AVOIDANCE SY		3.4		16.9						20.2
	Z88888	REPROGRAMMINGS	3.4									3.4
		CLASS P TOTAL FOR H-1	18.3	8.5	2.6	18.7						
		TOTAL FOR H-1	18.3	8.8	2.8	18.9	0.3	0.6	0.7	0.6		

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 056	PAGE NO.	503
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: NAVSTAR GLOBAL POSITIONING SYSTEM MN-3150
MODELS OF AIRCRAFT AFFECTED: UH-1N
CENTER: WR-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC H-1 CLASS P
PE 0101235F TEAM SPACE

DESCRIPTION/JUSTIFICATION: During operational missions, the UH-1N are in Visual Flight Rules (VFR) or marginal VFR conditions that could require an Instrument Flight Rule (IFR) recovery at some fields. In addition the UH-1N must perform en route and over water navigation and non-precision approaches at military airfields. The Federal Radio Navigation and Chairman, Joint Chiefs of Staff (CJCS) Master Navigation Plan requires that the UH-1N avionics system be capable of performing en route in the National Airspace (NAS) as the primary external reference using GPS as the primary external reference by 2000.

AIRCRAFT BREAKDOWN: Active -- 64 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			63	1.1								
KITS NONREC			1	0.1								
EQUIPMENT			(63)	1.0								
EQUIP NONREC			(1)	0.4								
CHANGE ORDERS												
DATA				0.1								
SIM/TRAINER												
SUPPORT-EQUIP												
OGC				0.2						0.2		
INSTALLATION OF HARDWARE												
FY-96 64 KITS					(2)				(62)			
TOTAL INSTALL QTY/COST					2				62			
TOTAL COST (BP-1100)			64	3.0						0.8		

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

*** UNCLASSIFIED ***

FACT SHEET: H-1 MN-3150 NAVSTAR GLOBAL POSITIONING SYSTEM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDY&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS								63	1.1
KITS NONRECUR								1	0.1
EQUIPMENT									1.0
EQUIP NONREC									0.4
CHANGE ORDERS									
DATA									0.1
SIM/TRAINER									0.0
SUPPORT-EQUIP									
OGC									0.4
INSTALLATION OF HARDWARE									
FY-96	64	KITS						(64)	0.6
TOTAL INSTALL QTY/COST									
								64	0.6
TOTAL COST (BP-1100)									
								64	3.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									

MILESTONES

FY-96		FY-97		FY-98		FY-99	
QTR/FY	1/97	QTR/FY	1/98	QTR/FY	1/99	QTR/FY	1/00
CONTRACT-DATE (QTR/FY)	1/97						
DELIVERY-DATE (QTR/FY)	1/98						
INSTALLATION SCHEDULE:							
QUARTERS	1	2	3	4	1	2	3
INPUT					1	38	25
OUTPUT						1	38

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: INTEGRATED DATA ACQUISITION RECORDER MN-8432
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC H-1 CLASS P
MODELS OF AIRCRAFT AFFECTED: UH-1N CENTER: WR-ALC
PE 0101235F TEAM SPACE

DESCRIPTION/JUSTIFICATION: During operational missions, the UH-1N requires a Voice Activated Data Recorder (VADR) to provide aircraft
Inertial Navigation System monitoring and aircrew cockpit and Air Traffic Control communications recordings.
AIRCRAFT BREAKDOWN: Active -- 64 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			34	1.3			29	1.0				
KITS NONRECUR			1	1.6								
EQUIPMENT			(34)	2.9			(29)	1.5				
EQUIP NONREC			(1)	0.1								
CHANGE ORDERS												
DATA				0.1								
SIM/TRAINER												
SUPPORT-EQUIP				0.1								
SOFTWARE												
OGC								0.1		0.2		
INSTALLATION OF HARDWARE												
FY-96 35 KITS					(1)				(34)	0.4		
FY-98 29 KITS									(29)	0.4		
TOTAL INSTALL QTY/COST							1		63	0.8		
TOTAL COST (BP-1100)			35	6.0			29	2.6		1.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: H-1 MN-8432 INTEGRATED DATA ACQUISITION RECORDER (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									63	2.3
KITS NONRECUR									1	1.6
EQUIPMENT										4.4
EQUIP NONREC										0.1
CHANGE ORDERS										0.1
DATA										0.1
SIM/TRAINER										0.1
SUPPORT-EQUIP										0.1
SOFTWARE										0.3
OGC										
INSTALLATION OF HARDWARE										
FY-96 35 KITS									(35)	0.5
FY-98 29 KITS									(29)	0.4
TOTAL INSTALL QTY/COST									64	0.8
TOTAL COST (BP-1100)									64	9.6
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98										
CONTRACT-DATE (QTR/EY)	2/96		1/98							
DELIVERY-DATE (QTR/EY)	2/97		1/99							
INSTALLATION SCHEDULE:										
QUARTERS	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4						
INPUT					1	38	25			
OUTPUT					1	38	25			

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: FLEXPLATE MAIN DRIVESHAFT MN-T8123
MODELS OF AIRCRAFT AFFECTED: UH-1N HELICOPTERS
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC H-1 CLASS P
CENTER: WR-ALC
PE 0101235F TEAM SPACE

DESCRIPTION/JUSTIFICATION: This modification will replace existing Main Drive Shaft (MDS) with a proven, nonlubricated flexor fail passive design MDS. The modification requires an upgrade to the T400-CP-400 Combining Gear Box (CGB) as well as modified engine firewalls. Over the past several years military HH/UH-1NS (AF/Navy) helicopters have experienced related Class A mishaps directly attributable to failure of the MDS splined coupling. Both shaft misalignment and loss of lubrication have been identified as the most probable cause of these failures.
AIRCRAFT BREAKDOWN: Active -- 66 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: The Navy is Primary Inventory Control Agency (PICA) for the MDS and all design engineering has been accomplished by that service. Trial install and kit proof is also being done by the Navy.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS			40	1.1	25	0.4						
KITS NONRECUR			1									
EQUIPMENT			(40)	3.8	(25)	2.2						
EQUIP NONREC				0.9								
CHANGE ORDERS												
DATA						0.3						
SIM/TRAINER				0.1								
SUPPORT-EQUIP												
MOD OF SPARES						1.6						
INSTALLATION OF HARDWARE												
FY-96 41 KITS			(41)	0.4								
FY-97 25 KITS			(25)	0.2								
TOTAL INSTALL QTY/COST					66	0.6						
TOTAL COST (BP-1100)			41	5.9	25	5.1						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 9 MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: H-1 MN-78123 FLEXPLATE MAIN DRIVESHAFT (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD&E (3600)

PROCUREMENT (3010)

INSTALL KITS								65	1.6
KITS NONRECUR								1	0.0
EQUIPMENT									6.0
EQUIP NONREC									0.9
CHANGE ORDERS									0.3
DATA									0.1
SIM/TRAINER									0.0
SUPPORT-EQUIP									1.6
MOD OF SPARES									
INSTALLATION OF HARDWARE									
FY-96 41 KITS								(41)	0.4
FY-97 25 KITS								(25)	0.2
TOTAL INSTALL QTY/COST								66	0.6
TOTAL COST (BP-1100)								66	11.0

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-96	FY-97	FY-98
CONTRACT-DATE (QTR/FY)	2/96	1/97	
DELIVERY-DATE (QTR/FY)	2/97	4/97	

INSTALLATION SCHEDULE:

	FY-96			FY-97			FY-98		
QUARTERS	1	2	3	4	1	2	3	4	
INPUT					13	14	14	25	
OUTPUT					13	14	14	8 17	

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: TRAFFIC COLLISION AVOIDANCE SYSTEM MN-TCAS
MODELS OF AIRCRAFT AFFECTED: UH-1N
DESCRIPTION/JUSTIFICATION: Airborne system that enables detection and avoidance of other aircraft on intercepting flight paths. Operated with and in conjunction with on-board IFF system as well as maintains aircraft separation.
AIRCRAFT BREAKDOWN: Active -- 64 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: N/A.

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC H-1 CLASS P

CENTER: WR-ALC
PE 0101235F TEAM SPACE

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR									63	3.8		
EQUIPMENT					(1)	1.2			(63)	0.9		
EQUIP NONREC					(1)	2.0			(1)	3.1		
CHANGE ORDERS										1.2		
DATA						0.1				0.8		
SIM/TRAINER										2.4		
SUPPORT-EQUIP												
OGC												
INSTALLATION OF HARDWARE												
FY-99 64 KITS									(63)	4.7		
TOTAL INSTALL QTY/COST									63	4.7		
TOTAL COST (BP-1100)						3.4			64	16.9		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 12 MONTHS FOLLOW-ON LEAD TIME -- 12 MONTHS												

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*** UNCLASSIFIED ***

FACT SHEET: H-1 MN-TCAS TRAFFIC COLLISION AVOIDANCE SYSTEM (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD6E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									63	3.8
KITS NONRECUR									1	0.9
EQUIPMENT										4.3
EQUIP NONREC										3.2
CHANGE ORDERS										0.9
DATA										2.4
SIM/TRAINER										0.0
SUPPORT-EQUIP										
OGC										
INSTALLATION OF HARDWARE										
FY-99 64 KITS							(63)			4.7
TOTAL INSTALL QTY/COST									63	4.7
TOTAL COST (BP-1100)									64	20.2
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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*** UNCLASSIFIED ***

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS						P-1 ITEM NOMENCLATURE: H-60	
	1996	1997	1998	1999	2000	2001	2002
COST (In Mil)		\$5.981	\$16.852	\$19.292	\$11.574	\$11.441	\$46.935
							2003
							\$29.805

This line item funds modifications to the HH-60 helicopter. The HH-60 is a twin engine, aerial refuelable helicopter capable of performing combat search and rescue missions day or night. The overall goal of the modifications budgeted in FY98 is to install the -701 engine in the HH-60 and provide enhanced communications capability. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	8254	ALTITUDE HOLD AND HOVER SYSTEM			1.1							8.1
	8258	AN/AAQ-16B FLIR		5.5							39.3	55.3
	99999X	LOW COST MODIFICATIONS			0.3						2.0	2.8
ARR		AEROSPACE RESCUE AND RECOVERY			9.9	7.2	0.8					17.9
	T8130	HH-60G RETROFIT		0.5							0.3	17.3
	T8415	UPGRADE COMMUNICATIONS AND NAV			5.6	12.1	10.8	11.4	46.9	29.8	17.2	133.8
		CLASS P		6.0	16.9	19.3	11.6	11.4	46.9	29.8	58.8	
		TOTAL FORMH-60		6.0	16.9	19.3	11.6	11.4	46.9	29.8	58.8	
		TOTAL FOR MH-60										

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 057	PAGE NO.	512
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UNCLASSIFIED

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AN/AAQ-16B FLIR MN-8258
MODELS OF AIRCRAFT AFFECTED: HH-60G
DESCRIPTION/JUSTIFICATION: Purchases AN/AAQ-16 Group B required to equip 68 HH-60Gs with FLIR capability and provide ICS maintenance.
AIRCRAFT BREAKDOWN: Active -- 22 RES -- 25 ANG -- 15
DEVELOPMENT STATUS: The HH-60G is modified to accept the Q-16 FLIR with GPS-navigation upgrade modification. No additional development or modification required.

PROJECTED FINANCIAL PLAN											
PRIORITY			FY-96		FY-97		FY-98		FY-99		FY-00
QTY	AMT		QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	AMT
RDT&E (3600)											
PROCUREMENT (3010)											
INSTALL KITS											
KITS NONRECUR											
EQUIPMENT											
12	9.4				5	4.0					
EQUIP NONREC											
CHANGE ORDERS											
DATA											
SIM/TRAINER											
SUPPORT-EQUIP											
ICS											
	1.1					1.5					
TOTAL COST (BP-1100)											
12	10.5		5	5.5							
(TOTALS MAY NOT ADD DUE TO ROUNDING.)											
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE											
INITIAL LEAD TIME -- 12 MONTHS						FOLLOW-ON LEAD TIME -- 12 MONTHS					

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AEROSPACE RESCUE AND RECOVERY MN-ARR
MODELS OF AIRCRAFT AFFECTED: HH60-701C ENGINE
DESCRIPTION/JUSTIFICATION: Replaces the UH-60L gearbox with an improved durability gearbox with roto-brake. Also replaces the -700 engine with the -701C engine and installs improved flight controls (ECP451).
AIRCRAFT BREAKDOWN: Active -- 0 RES -- 0 ANG -- 11
DEVELOPMENT STATUS: N/A.

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC MH-60 CLASS P

CENTER: WR-ALC

PE 0503114F TEAM AIR

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTEE (3600)												
PROCUREMENT (3010)												
INSTALL KITS							5	1.0	3	0.6		
KITS NONRECUR												
EQUIPMENT					(5)	2.5	(3)	1.6				
EQUIP NONREC								0.3				
CHANGE ORDERS								0.1				
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
ENGINES					(10)	6.1	(6)	3.8				
OGC						0.3		0.2				
INSTALLATION OF HARDWARE												
FY-98 5 KITS							(4)	0.7	(1)	0.2		
FY-99 3 KITS									(3)	0.6		
TOTAL INSTALL QTY/COST									4	0.7	4	0.8
TOTAL COST (BP-1100)							5	9.9	3	7.2		0.8

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT

INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

FACT SHEET: MH-60 MN-ARR AEROSPACE RESCUE AND RECOVERY (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)									8	1.6
INSTALL KITS										
KITS NONRECUR										4.1
EQUIPMENT										
EQUIP NONREC										0.3
CHANGE ORDERS										0.1
DATA										
SIM/TRAINER										9.9
SUPPORT-EQUIP										0.5
ENGINES										
OGC										
INSTALLATION OF HARDWARE										
FY-98 5 KITS									(5)	0.9
FY-99 3 KITS									(3)	0.6
TOTAL INSTALL QTY/COST									8	1.4
TOTAL COST (BP-1100)									8	17.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
FY-96 FY-97 FY-98 FY-99 FY-00										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HH-60G RETROFIT MN-T8130
MODELS OF AIRCRAFT AFFECTED: HH-60G
CENTER: WR-ALC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT F3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC MH-60 CLASS P
PE 0207224F TEAM AIR

DESCRIPTION/JUSTIFICATION: To manufacture Group A and install -132 equipment on ten 1981/82 model aircraft and procure three of Group B (7.62 Minigun Pentile Mount, Feeder Delinkers, and Light Airborne Recovery System (LARS)). Manufacture Group A and install WR-ALC/LUH ECP 94-1 for LARS on fourteen 1988, eight 1989, two 1990, four 1991, and two 1992 model aircraft. Manufacture and install WR-ALC/LUH ECP 94-5 to correct Hoist System Deficiencies and WR-ALC/LUH ECP 94-6 to correct number one VHF/FM antenna deficiencies. Retrofit all aircraft with improved fuel transfer pump. Installs Aerial Refueling modification on 4 aircraft.

AIRCRAFT BREAKDOWN: Active -- 24 RES -- 23 ANG -- 18

DEVELOPMENT STATUS: Group B already procured except for fifteen 7.62 pentile, fifty-six feeder delinkers, and eighteen LARS. Engineering is complete on WR-ALC/LUH ECPs 94-1, 94-5, and 94-6.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT		QTY	AMT	
RDt&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS	65	6.1																
KITS NONRECUR		0.3																
EQUIPMENT	(65)	2.7																
EQUIP NONREC																		
CHANGE ORDERS																		
DATA		0.6																
SIM/TRAINER																		
SUPPORT-EQUIP		0.2																
ICS		0.2																
INSTALLATION OF HARDWARE																		
FY-94 65 KITS	(65)	6.3																
TOTAL INSTALL QTY/COST	165	6.4																
TOTAL COST (BP-1100)	65	16.6																
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT																		
INITIAL LEAD TIME -- 2 MONTHS																		
FOLLOW-ON LEAD TIME -- 2 MONTHS																		

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FACT SHEET: MH-60 MN-T8130 HH-60G RETROFIT
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)									65	
INSTALL KITS										6.1
KITS NONRECUR										0.3
EQUIPMENT										2.7
EQUIP NONREC										
CHANGE ORDERS										0.6
DATA										
SIM/TRAINER										0.2
SUPPORT-EQUIP							0.3			0.9
ICS										
INSTALLATION OF HARDWARE										
FY-94 65 KITS									(65)	6.3
TOTAL INSTALL QTY/COST									165	6.4
TOTAL COST (BP-1100)									65	17.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										

MILESTONES

	FY-94		FY-95	
CONTRACT-DATE (QTR/FY)	1/94	1/95	1/94	1/95
DELIVERY-DATE (QTR/FY)	1/94	1/95	1/94	1/95

INSTALLATION SCHEDULE:	FY-94		FY-95	
QUARTERS	1	2	3	4
INPUT	1	4	2	3
OUTPUT			20	8
			31	23
				11

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DATE 02/14/97
FY 1998 PB
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
MODIFICATION TITLE AND NO: UPGRADE COMMUNICATIONS AND NAVIGATION/INTEGRATED E MN-T8415
MODELS OF AIRCRAFT AFFECTED: HH-60G
CENTER: WR-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC MH-60 CLASS P
PE 0207224F TEAM AIR

DESCRIPTION/JUSTIFICATION: Modifies the HH-60G with upgraded communications and navigation (UCN) system to include SATCOM, cockpit integration and Night Vision Goggle (NVG) compatible cockpit lighting. This mod will provide the satellite communications capability required for integration into the modern battlefield command, control and communications network. The cockpit integration portion of the mod corrects human factor deficiencies inherent in the original HH-60G GPS navigation upgrade modification. Required NVG compatible lighting will be provided by the elimination of unlighted comm/nav equipment control heads during the cockpit integration effort. incompatible lighted panels and controls will also be modified to compliance. Additionally the EW portion of the mod will install enhanced chaff/flare dispensers in an optimized configuration, missile warning system and an enhanced radar warning receiver. System will improve weapon system survivability by providing automated response as well as manual flare/chaff dispense capability.

DEVELOPMENT STATUS: Engineering for UCN portion has begun, yet while development of the IEW began with a previous effort. Complete engineering effort is scheduled to begin in August 1998.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS							4	0.6	10	1.7	10	1.7
KITS NONRECUR							(4)	0.9	(10)	0.3	(10)	5.0
EQUIPMENT								2.2	(10)	5.7	(10)	5.0
EQUIP NONREC												
CHANGE ORDERS												
DATA										0.1		
SIM/TRAINER								0.5		2.2		0.7
SUPPORT-EQUIP								0.5		0.8		
ICS								0.1				
OGC								0.7				0.7
INSTALLATION OF HARDWARE									(2)	0.7	(2)	0.7
FY-98 4 KITS										(6)		2.0
FY-99 10 KITS												
FY-00 10 KITS												
FY-01 4 KITS												
FY-02 54 KITS												
FY-03 17 KITS												
TOTAL INSTALL QTY/COST									2	0.7	8	2.7
TOTAL COST (BP-1100)							4	5.6	10	12.1	10	10.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACT FIELD TEAM												
INITIAL LEAD TIME -- 18 MONTHS												
FOLLOW-ON LEAD TIME -- 18 MONTHS												

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FACT SHEET: MH-60 MN-T8415 UPGRADE COMMUNICATIONS AND NAVIGATION/INTEGRATED E (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)					
PROCUREMENT (3010)					
INSTALL KITS	4	0.7	54	9.7	17
KITS NONREC				3.1	99
EQUIPMENT	(4)	2.4	(54)	33.4	1.2
EQUIP NONREC		1.8		10.8	59.5
CHANGE ORDERS					1.8
DATA				1.5	1.5
SIM/TRAINER		0.7		0.8	1.9
SUPPORT-EQUIP		1.6		1.6	5.6
ICS					2.9
OGC		0.8		1.0	0.1
INSTALLATION OF HARDWARE					5.7
FY-98 4 KITS					(4) 1.3
FY-99 10 KITS	(4)	1.4			(10) 3.4
FY-00 10 KITS	(6)	2.1			(10) 3.5
FY-01 4 KITS	(2)	0.7	(2)	0.7	(4) 1.5
FY-02 54 KITS			(28)	10.2	(54) 18.9
FY-03 17 KITS				(17)	(17) 7.5
TOTAL INSTALL QTY/COST	10	3.4	6	11.0	43
TOTAL COST (BP-1100)	4	11.4	54	46.9	17
(TOTALS MAY NOT ADD DUE TO ROUNDING.)					
MILESTONES					
CONTRACT-DATE (QTR/FY)					
DELIVERY-DATE (QTR/FY)					
INSTALLATION SCHEDULE:					
QUARTERS	1	2	3	4	1
INPUT					2
OUTPUT					3
INSTALLATION SCHEDULE:					
QUARTERS	1	2	3	4	1
INPUT					2
OUTPUT					3
INSTALLATION SCHEDULE:					
QUARTERS	1	2	3	4	1
INPUT					2
OUTPUT					3

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)						DATE	
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS			P-1 ITEM NOMENCLATURE: OTHER AIRCRAFT				
	1996	1997	1998	1999	2000	2001	2002
COST (In Mil)	\$28,555	\$35,059	\$33,065	\$22,393	\$48,805	\$72,146	\$113,647
							2003
							\$170,650

This line item funds modifications that apply to multiple weapon systems and weapon systems funded at less than \$2 million per year. The overall goal of the modifications budgeted in FY98 is to enhance capability and improve reliability and maintainability. The Harm Targeting System will provide precision targeting information for the F-16C. The UHF SATCOM/ANDVT/DAMA upgrade mod will provide modernized SATCOM terminals as mandated by the JCS. The specific modifications budgeted and programmed are shown below.

MOD	CLASS	NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	P-S	99999A	LOW COST SAFETY MODIFICATIONS			2.0				0.2	0.2		2.4
		T6075A	#1 BEARING OIL TUBE RETAINER T	0.2									0.4
			CLASS P-S TOTAL FOR OTHER	0.2		2.0				0.2	0.2		
		10611C	CARA	1.4	2.1								143.6
		13614B	ALE-40 DEFICIENCIES	2.6	8.7								57.5
		14212B	SUPPORT EQUIPMENT UPGRADE	0.2				0.1	0.1	0.1	0.1	5.7	15.6
		18615B	AN/ALR-69 SYS IMPROVEMENT	0.6									42.9
		3150E9	NAVSTAR GPS (E-9)		0.2		0.1						0.3
		3429	A/B SINGARS AJ COMM	1.3									48.9
		64201F	FLIGHT DATA RECORDER	2.1									6.8
		99999J	MISCELLANEOUS LOW COSTS MODS (	0.1		0.1	0.1	0.1	0.1	0.1	0.1		3.2
		99999V	MISCELLANEOUS LOW COST MODS	0.1	0.8	0.1							1.0
		99999X	LOW COST MODIFICATIONS	0.9	0.5								4.7
		CMWS	COMMON MISSILE WARNING SYSTEM				7.8	28.3	51.9	76.7	105.0	301.3	571.1
		F16HTS	HARM TARGETING SYSTEM	2.5		12.2	3.3	0.1					18.2
		T8137	UHF SATCOM/ANDVT/DAMA UPGRADE	11.3	20.3	16.2	10.0	19.4	20.1	36.6	65.3		199.0
		T8174	HF MODERNIZATION	3.0	1.7	2.5	1.2	0.8					20.9
		TRAIN	TACTICAL AIR FORCE - TRAINING		0.1								0.1
		288888	REPROGRAMMINGS	2.2	0.8								3.0
			CLASS P TOTAL FOR OTHER	28.4	35.1	31.0	22.4	48.8	72.1	113.5	170.5	307.0	
			TOTAL FOR OTHER	28.6	35.1	33.1	22.4	48.8	72.1	113.6	170.7	307.0	

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 058		PAGE NO.	521
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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: CARA MN-10611C
MODELS OF AIRCRAFT AFFECTED: MULTI
DESCRIPTION/JUSTIFICATION: Replaces existing radar altimeter on a variety of aircraft with a new standard combined altitude radar altimeter which has nominal specification Mean Time Between Failure (MTBF) of 2000 hours. It will be a direct replacement on all but the C-130 aircraft, which will require depot level wiring changes. Existing systems have low reliability and high logistics support cost. 90 Mod Install (FY94: \$0.8).
AIRCRAFT BREAKDOWN: Active -- 4144 RES -- 0 ANG -- 0
DEVELOPMENT STATUS: Complete.
PROJECTED FINANCIAL PLAN
RDt&E (3600)

EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
CENTER: WR-ALC
PE 0702207F TEAM LOG

PROJECTED FINANCIAL PLAN

RDt&E (3600)

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
QTY	AMT	QTY	AMT	QTY	AMT	QTY
3903	2.7					
9294	124.0	1464	0.9	200	1.1	
0.2						
3.2						
3.4						
6.3						
(1)				(100)	1.0	
322	0.3					
13197	140.2	1464	1.4	200	2.1	

TOTAL INSTALL QTY/COST
TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 18 MONTHS
FOLLOW-ON LEAD TIME -- 18 MONTHS

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: ALE-40 DEFICIENCIES MN-13614B
MODELS OF AIRCRAFT AFFECTED: MULTI
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

CENTER: WR-ALC
PE 0702207F TEAM LOG

DESCRIPTION/JUSTIFICATION: The AN/ALE-40 has experienced numerous failures attributed to various LRUs in the system. Some of the LRUs are being modified by WR-ALC, while the sequencer switch is being replaced by a digital switch procured by ASC/RW. These efforts will improve the R&M of the ALE-40 to an acceptable level. The ALE-40 is installed on A-10, F-4, F-16, C-130, C-141 and C-5.

AIRCRAFT BREAKDOWN: Active -- 1532 RES -- 0 ANG -- 1370

DEVELOPMENT STATUS: Mod kit installs started Apr 93, prod baseline FCA, PCA, FOR Apr 93. Final DWG del Jan 94. Equip qty shown is A/C shipsets.

PROJECTED FINANCIAL PLAN

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONREC

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

MOD OF SPARES

DIGITAL SEQ S

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

PRIORITY	FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
1934	1	1.3								
1		0.1								
3.3										
4.4										
(9104)		29.0	(700)	2.6	(2305)	8.7				
(4837)										
1935		46.1		2.6		8.7				

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FACT SHEET: OTHER MN-13614B ALE-40 DEFICIENCIES (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD14E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									1934	1.3
EQUIPMENT									1	0.1
EQUIP NONREC										
CHANGE ORDERS										3.3
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										4.4
MOD OF SPARES										40.4
DIGITAL SEQ S										
TOTAL COST (BP-1100)									1935	57.5
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	
CONTRACT-DATE (QTR/FY)	4/89			2/92	2/93		1/96	1/96	1/97	
DELIVERY-DATE (QTR/FY)	4/90			1/93	1/94		4/96	4/96	4/97	

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SUPPORT EQUIPMENT UPGRADE MN-14212B
MODELS OF AIRCRAFT AFFECTED: MULTI
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
CENTER: SA-ALC
PE 0702207F TEAM LOG

DESCRIPTION/JUSTIFICATION: Failures of centrifugal switches, fuel control drive shafts, plenum gaskets, and starter clutches have accounted for 13,807 manhours of unscheduled maintenance in one year. Mod to the ground power cart engine will improve mean time between failure rate by 73%, increase service life, and reduce maintenance and life cycle costs.
AIRCRAFT BREAKDOWN: Active -- 2500 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: ECP Jan 85. CCB 20 May 85. Kitproof already done on an OTHER mod.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
QTY	AMT	QTY	AMT	QTY	AMT	QTY
RD&E (3600)						
PROCUREMENT (3010)						
INSTALL KITS	1082	8.5				
KITS NONRECUR	1	0.1				
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY-90 413 KITS (413)						
FY-91 309 KITS (309)		0.5				
FY-92 361 KITS (361)		0.3				
FY-04 530 KITS						
TOTAL INSTALL QTY/COST	1083	0.8	160	0.2		
TOTAL COST (BP-1100)	1083	9.4	0.2			
(TOTALS MAY NOT ADD DUE TO ROUNDING.)						
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM						
INITIAL LEAD TIME -- 24 MONTHS						
FOLLOW-ON LEAD TIME -- 16 MONTHS						

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FACT SHEET: OTHER MN-14212B SUPPORT EQUIPMENT UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL							
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT						
RDt&E (3600)																
PROCUREMENT (3010)																
INSTALL KITS																
KITS NONRECUR							530	5.0	1612	13.5						
EQUIPMENT									1	0.1						
EQUIP NONREC																
CHANGE ORDERS																
DATA																
SIM/TRAINER																
SUPPORT-EQUIP																
INSTALLATION OF HARDWARE																
FY-90 413 KITS									(413)							
FY-91 309 KITS									(309)	0.5						
FY-92 361 KITS									(361)	0.3						
FY-04 530 KITS								0.7		0.7						
TOTAL INSTALL QTY/COST		0.1		0.1		0.1		0.7	1243	2.0						
TOTAL COST (BP-1100)		0.1		0.1		0.1	530	5.7	1613	15.6						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																
MILESTONES																
CONTRACT-DATE (QTR/FY)	3/90	2/92	3/92			1/96										
DELIVERY-DATE (QTR/FY)	4/92	3/93	2/94			2/97										
INSTALLATION SCHEDULE:	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	FY-04	
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	35	35	36	803				18	69	57	59	24	17	21	21	24
OUTPUT	35	35	36	803				18	69	57	59	24	17	21	21	24
INSTALLATION SCHEDULE:	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99						
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	4	2			25	40	50	45	25	35	30	30	20	30	35	30
OUTPUT	4	2			25	40	50	45	25	35	30	30	20	30	35	30
INSTALLATION SCHEDULE:	FY-00	FY-01	FY-02	FY-03	FY-04											
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	25	31	35	25	25	28	30	25	25	30	30	30	30	30	30	30
OUTPUT	25	31	35	25	25	28	30	25	25	30	30	30	30	30	30	30

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: AN/AIR-69 SYS IMPROVEMENT MN-18615B
MODELS OF AIRCRAFT AFFECTED: MULTI
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
CENTER: WR-ALC
PE 0702207F TEAM LOG

DESCRIPTION/JUSTIFICATION: Mod includes changes to two different LRUS. Mod to CM479 signal processor will correct memory space deficiencies, input/output deficiencies, and add MIL-STD-1553B data bus capability. Mod to C-10373 receiver/controller will correct deficiencies in sensitivity for pulsed radar threats and in memory (both random access and programmable read only). These mods will: 1) improve reliability due to simplification. 2) quick reprogrammability for C10373, saving \$200K annually. 3) MIL-STD-1553B compatibility. 4) improved response to pulsed radar treats. This is a commodity mod.

AIRCRAFT BREAKDOWN: Active -- 1220 RES -- 126 ANG -- 334

DEVELOPMENT STATUS: ECP not required. (card swapout only). CCB July 90. SOF: 154 competitive.

PROJECTED FINANCIAL PLAN

RDt&E (3600)

PROCUREMENT (3010)

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
INSTALL KITS						
KITS NONRECUR	1680	19.2				
EQUIPMENT						
EQUIP NONREC		0.2				
CHANGE ORDERS		1.2				
DATA		5.1				
SIM/TRAINER		1.5				
SUPPORT-EQUIP		1.8				
SOFTWARE		10.4				
MOD OF SPARES	(958)					
INSTALLATION OF HARDWARE						
FY-92 180 KITS		0.2				
FY-93 858 KITS		1.5				
FY-94 642 KITS		1.2				
TOTAL INSTALL QTY/COST		2.9				
TOTAL COST (BP-1100)	1680	42.3				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)		0.6				

METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION
INITIAL LEAD TIME -- 7 MONTHS
FOLLOW-ON LEAD TIME -- 7 MONTHS

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FACT SHEET: OTHER MN-18615B AN/AIR-69 SYS IMPROVEMENT (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									1680	19.2
EQUIPMENT										0.2
EQUIP NONREC										1.8
CHANGE ORDERS										5.1
DATA										1.5
SIM/TRAINER										1.8
SUPPORT-EQUIP										10.4
SOFTWARE										
MOD OF SPARES										0.2
INSTALLATION OF HARDWARE										1.5
FY-92 180 KITS										1.2
FY-93 858 KITS										
FY-94 642 KITS										
TOTAL INSTALL QTY/COST										2.9
TOTAL COST (BP-1100)									1680	42.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-92	FY-93	FY-94							
CONTRACT-DATE (QTR/FY)	3/92	4/93	1/94							
DELIVERY-DATE (QTR/FY)	3/93	2/94	4/94							

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: A/B SINGGARS AJ COMM MN-3429
MODELS OF AIRCRAFT AFFECTED: MULTI
CENTER: ESC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

DESCRIPTION/JUSTIFICATION: Modification incorporates airborne SINGGARS upgrades. The airborne SINGGARS will be placed on a repackaged existing VHF AJ Radio, which will be a form fit replacement for the current non AJARC-186. Note: SINGGARS - Single Channel Ground Air Radio System.
AIRCRAFT BREAKDOWN: Active -- 992 RES -- 0 ANG -- 0
PE 0207423F TEAM CAI

DEVELOPMENT STATUS: FSD contract awarded May 87; DT&E/IOT&E Jan-Apr 89. Flight test Jan 89. Quality testing Nov 88-89.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)		16.0		0.5		0.5						
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT	901	24.5	90	1.3								
EQUIP NONREC	1	15.1										
CHANGE ORDERS												
DATA		3.6										
SIM/TRAINER		1.9										
SUPPORT-EQUIP		2.5										
TOTAL COST (BP-1100)	902	47.6	90	1.3								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 18 MONTHS												
FOLLOW-ON LEAD TIME -- 18 MONTHS												

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FACT SHEET: OTHER MN-3429 A/B SINGARS AJ COMM (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									991	25.8
EQUIPMENT									1	15.1
EQUIP NONREC										3.6
CHANGE ORDERS										1.9
DATA										2.5
SIM/TRAINER										
SUPPORT-EQUIP									992	48.9
TOTAL COST (BP-1100)										
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-89	FY-90	FY-91	FY-92	FY-93	FY-94	FY-95	FY-96		
CONTRACT-DATE (QTR/FY)	1/90		1/92	4/92	1/93	3/95	3/96	3/96		
DELIVERY-DATE (QTR/FY)	3/91		3/92	1/94	3/94	1/97	2/98	1/98		

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: FLIGHT DATA RECORDER MN-64201F
MODELS OF AIRCRAFT AFFECTED: MH-53J
CENTER: WR-ALC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS P
PE 0404102F TEAM AIR

DESCRIPTION/JUSTIFICATION: Installs a Signal Data Recorder (SDR) to record data for either safety or Aircraft Structural Integrity Program (ASIP) application, a crash survivable Flight Data Memory Unit (FDMU) and supporting hardware to complete the system. Modification provides a crash survivable flight data recorder system to satisfy requirements stated in AFISC SON 01-79, PWD 5249 (7). ECP completes installation of the Air Force standard ARN-147 VOR/ILS navigation system.

AIRCRAFT BREAKDOWN: Active -- 40 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: MIPR: Apr 94. Contract Award Sep 94.

PROJECTED FINANCIAL PLAN

	PRIOR			FY-96			FY-97			FY-98			FY-99			FY-00		
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)																		
PROCUREMENT (3010)																		
INSTALL KITS	40	0.6	47	0.4														
KITS NONRECUR	(1)	0.5		0.2														
EQUIPMENT	(41)	2.9	(47)	0.1														
EQUIP NONREC				0.1														
CHANGE ORDERS				0.1														
DATA		0.3		0.3														
SIM/TRAINER																		
SUPPORT-EQUIP				0.6														
ECP ARN147 VOR				0.2														
INSTALLATION OF HARDWARE																		
FY-94 40 KITS	(40)	0.4	(47)	0.2														
FY-96 47 KITS																		
TOTAL INSTALL QTY/COST	40	0.4	47	0.2														
TOTAL COST (BP-1100)	40	4.6	47	2.1														
(TOTALS MAY NOT ADD DUE TO ROUNDING.)																		
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT/FIELD TEAM																		

FOLLOW-ON LEAD TIME -- 5 MONTHS

INITIAL LEAD TIME -- 3 MONTHS

FACT SHEET: OTHER MN-64201F FLIGHT DATA RECORDER (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS									87	1.0
KITS NONRECUR										0.7
EQUIPMENT										3.0
EQUIP NONREC										0.1
CHANGE ORDERS										0.1
DATA										0.5
SIM/TRAINER										0.6
SUPPORT-EQUIP										0.2
ECP ARN147 WOR										
INSTALLATION OF HARDWARE										
FY-94 40 KITS									(40)	0.4
FY-96 47 KITS									(47)	0.2
TOTAL INSTALL QTY/COST									87	0.6
TOTAL COST (BP-1100)									87	6.8
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT										
OUTPUT										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4		
INPUT										
OUTPUT										

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: COMMON MISSILE WARNING SYSTEM MN-CMWS
MODELS OF AIRCRAFT AFFECTED: F16/A-10
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P
PE 0207442F TEAM INFO

DESCRIPTION/JUSTIFICATION: The CMWS is required to reduce combat aircraft attrition within areas that contain threats of increasing complexity and numbers. This system will meet operational requirements for missile warning to counter the post-2000 year missile threat with emphasis on IR surface-to-air threats.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)							24.4		32.7			33.0
PROCUREMENT (3010)												
INSTALL KITS											27	4.3
KITS NONRECUR												
EQUIPMENT									7.8	(27)		23.2
EQUIP NONREC												0.2
CHANGE ORDERS												0.5
DATA												0.1
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-00 27 KITS												
FY-01 65 KITS												
FY-02 92 KITS												
FY-03 139 KITS												
FY-04 160 KITS												
FY-05 110 KITS												
FY-06 130 KITS												
FY-07 122 KITS												
FY-08 21 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)									7.8		27	28.3

(TOTALS MAY NOT ADD DUE TO ROUNDING.)
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
INITIAL LEAD TIME -- 18 MONTHS
FOLLOW-ON LEAD TIME -- 16 MONTHS

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FACT SHEET: OTHER MN-CMWS COMMON MISSILE WARNING SYSTEM
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)		16.0		28.1						
PROCUREMENT (3010)										
INSTALL KITS	65	8.6	92	8.2	139	8.1	543	40.7	866	69.8
KITS NONRECUR										0.0
EQUIPMENT	(65)	40.0	(92)	61.8	(139)	89.3	(543)	220.1		442.2
EQUIP NONREC		0.5		0.7		0.9		7.3		9.6
CHANGE ORDERS		0.6		0.6		0.1		0.8		2.7
DATA										
SIM/TRAINER		0.2		0.2		0.2		0.9		1.6
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-00 27 KITS			(65)	5.1	(92)	6.4			(65)	5.1
FY-01 65 KITS									(92)	6.4
FY-02 92 KITS									(139)	8.4
FY-03 139 KITS									(160)	7.5
FY-04 160 KITS									(110)	2.8
FY-05 110 KITS									(130)	3.6
FY-06 130 KITS									(122)	7.2
FY-07 122 KITS									(21)	2.1
FY-08 21 KITS										
TOTAL INSTALL QTY/COST	27	2.0	65	5.1	92	6.4	682	31.6	866	45.2
TOTAL COST (BP-1100)	65	51.9	92	76.7	139	105.0	543	301.3	866	571.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
CONTRACT-DATE (QTR/FY)										
DELIVERY-DATE (QTR/FY)										
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	7	7	7	6	16	16	17	23	34	35
OUTPUT	7	7	7	6	16	16	17	23	34	35
INSTALLATION SCHEDULE:										
QUARTERS	1	2	3	4	1	2	3	4	1	2
INPUT	27	27	28	28	32	32	33	30	31	31
OUTPUT	27	27	28	28	32	32	33	30	31	31

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HARM TARGETING SYSTEM MN-F16HTS
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

MODELS OF AIRCRAFT AFFECTED: MULTI (F-16)
CENTER: ASC
PE 0207136F TEAM AIR
DESCRIPTION/JUSTIFICATION: The ASQ-213 Pod, a High Speed Anti-Radiation Missile (HARM) Targeting System, senses enemy radar emissions and provides precision targeting information for the F-16 Block 50 F-16C. The F-16 HTS provides the only USAF HARM suppression capability since the retirement of the F-4G Wild Weasel in FY96. The AF completed procurement of 112 HTS pods in FY94. FY96 funding supports HTS activities initiated in BP19 in 1991. Installation costs are paid at time of contract award as kits are delivered as an installed unit, i.e. pod.
AIRCRAFT BREAKDOWN: Active -- 110 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: HTS is operational on the F-16. A P3I development contract was awarded in FY96/2 to improve pod performance and design life extension modifications. Production contract is planned for FY98. 110 existing pods will be retrofit to the upgraded configuration in FY98 and 22 pods procured during FY95/96 Omnibus reprogramming will retrofit in FY99.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)						5.9	12.4	13.6		2.5		
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC						0.6		0.4	22	2.4		
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP						1.2						
ICS						0.7						
AIRCRAFT												
OGC								0.8		0.9		0.1
INSTALLATION OF HARDWARE												
FY-98 110 KITS									(77)		(55)	
FY-99 22 KITS												
TOTAL INSTALL QTY/COST									77		55	
TOTAL COST (BP-1100)						2.5		12.2	22	3.3		0.1
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY												
INITIAL LEAD TIME -- 14 MONTHS												
FOLLOW-ON LEAD TIME -- 14 MONTHS												

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FACT SHEET: OTHER MN-FIGHTS HARM TARGETING SYSTEM
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL			
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT		
RDT&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR									132	13.4		
EQUIPMENT										0.4		
EQUIP NONREC										0.6		
CHANGE ORDERS												
DATA												
SIM/TRAINER										1.2		
SUPPORT-EQUIP										0.7		
ICS												
AIRCRAFT										1.9		
OGC												
INSTALLATION OF HARDWARE									(132)			
FY-98 110 KITS												
FY-99 22 KITS									132			
TOTAL INSTALL QTY/COST									132	18.2		
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
MILESTONES												
CONTRACT-DATE (QTR/FY)												
DELIVERY-DATE (QTR/FY)												
INSTALLATION SCHEDULE:												
QUARTERS	1	2	3	4	1	2	3	4	1	2	3	4
INPUT									32	45	33	22
OUTPUT									32	45	33	22

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DATE 02/14/97 EXHIBIT P3A CONGRESSIONAL
FY 1998 PB MODIFICATION OF AIRCRAFT
MODIFICATION TITLE AND NO: UHF SATCOM/ANDVT/DMA UPGRADE MN-T8137
MODELS OF AIRCRAFT AFFECTED: MULTI CENTER: ESC
PE 0303601F TEAM SPACE

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLASS P

DESCRIPTION/JUSTIFICATION: Provides AFSOC, AMC and ACC with UHF upgrades. FY96-98 provides acquisition and installation of modernized UHF SATCOM terminals containing Demand Assigned Multiple Access (DMA)/Advanced Narrowband Digital Voice Terminal (ANDVT), as mandated by the JCS for MILSATCOM access after 1 Oct 96 for entire AFSOC airborne fleet. AFSOC platforms include: AC-130H, AC-130U, MC-130H, MC-130E, EC-130E, MH-53J and MH-60G. FY99-03 provides acquisition and installation of state-of-the-art Airborne Integrated Terminal with embedded DMA and ANDVT for AMC, ACC and AIA. Platforms include aircraft, tankers, C4I aircraft, RC-135s and bombers. Kits NRE appears in all fiscal years due to start up of different platform types in each year. Data is required for each different platform type. FY96-99 is blue suit installation at organizational/intermediate level on AFSOC platforms. Remaining platforms require contractor depot installation in FY00-03.

AIRCRAFT BREAKDOWN: Active -- 649 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS				0.3		2.6		0.5		0.2		0.6
KITS NONREC				0.9		4.3		2.1		1.3		3.4
EQUIPMENT			77	6.6	93	10.1	14	1.5	37	5.3	93	10.3
EQUIP NONREC				0.4			10.1					
CHANGE ORDERS												
DATA				3.2		2.1		1.2		2.3		1.5
SIM/TRAINER						0.3						
SUPPORT-EQUIP						0.8		0.8		0.8		0.9
OGC												
INSTALLATION OF HARDWARE												
FY-96 77 KITS												
FY-97 93 KITS												
FY-98 14 KITS												
FY-99 37 KITS												
FY-00 93 KITS											(14)	2.7
FY-01 35 KITS												
FY-02 120 KITS												
FY-03 180 KITS												
TOTAL INSTALL QTY/COST												
			77	11.3	93	20.3	14	16.2	37	10.0	93	19.4
TOTAL COST (BP-1100)											14	2.7
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- COMBINATION												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: OTHER MN-T8137 UHF SATCOM/ANDVT/DAMA UPGRADE (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

RDTE (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
OGC									
INSTALLATION OF HARDWARE									
FY-96 77 KITS									
FY-97 93 KITS									
FY-98 14 KITS									
FY-99 37 KITS									
FY-00 93 KITS									
FY-01 35 KITS									
FY-02 120 KITS									
FY-03 180 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
CONTRACT-DATE (QTR/FY)									
DELIVERY-DATE (QTR/FY)									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									
INSTALLATION SCHEDULE:									
QUARTERS									
INPUT									
OUTPUT									

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: HF MODERNIZATION MN-T8174
MODELS OF AIRCRAFT AFFECTED: C5,C141,KC10,KC135
CENTER: WR-ALC
PE 0702207F TEAM LOG
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC OTHER CLASS P

DESCRIPTION/JUSTIFICATION: Provides simple air to ground coded signaling used internationally by commercial aviation and civil air traffic control stations to selectively alert aircrew that a call is being directed to their aircraft. Reduces aircrew requirement to continuously monitor RF radios, greatly reducing aircrew fatigue. Requires a modified ARC-190 and exclusive call LRU.

AIRCRAFT BREAKDOWN: Active -- 4000 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Kits FOE the modification of ARC-190 have been engineered, designed and developed. The exclusive call LRU is developed. Initial contracts are being established for procurement.

PROJECTED FINANCIAL PLAN

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KITS

KITS NONRECUR

EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

SIM/TRAINER

SUPPORT-EQUIP

PMA

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	QTY	QTY	QTY	QTY	QTY
1354	11.3	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

	AMT	AMT	AMT	AMT	AMT	AMT
1354	11.9	654	38	444	224	154

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FACT SHEET: OTHER MN-T8174 HF MODERNIZATION (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR									2868	0.8
EQUIPMENT										18.0
EQUIP NONREC										0.3
CHANGE ORDERS										
DATA										0.3
SIM/TRAINER										0.3
SUPPORT-EQUIP										0.9
PMA										
TOTAL COST (BP-1100)									2868	20.9
(TOTALS MAY NOT ADD DUE TO ROUNDING.)										
MILESTONES										
	FY-94	FY-95	FY-96	FY-97	FY-98	FY-99				
	1/95	1/96	1/97	1/98	1/99	1/00				
CONTRACT-DATE (QTR/FY)	1/96	1/97	1/98	1/99	1/00	1/01				
DELIVERY-DATE (QTR/FY)										

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UNCLASSIFIED

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)								DATE
APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: CLASSIFIED PROJECTS				
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$19.864	\$2.997	\$7.552	\$7.802	\$7.975	\$8.156	\$8.648	\$8.830

This line item funds classified modifications to classified projects. The overall goal of the modifications budgeted in FY98 is classified. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	1001	COMPASS CALL		3.0	7.6	7.8	8.0	8.2	8.6	8.8		176.5
	1007	COBRA BALL	19.9									19.9
		CLASS P TOTAL FOR CLASSI	19.9	3.0	7.6	7.8	8.0	8.2	8.6	8.8		
		TOTAL FOR CLASSI										

Totals may not add due to rounding.

P-1 SHOPP LIST ITEM NO. 059		PAGE NO.	542
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DATE 02/14/97 EXHIBIT P3A CONGRESSIONAL
FY 1998 PB MODIFICATION OF AIRCRAFT
MODIFICATION TITLE AND NO: COMPASS CALL MN-1001 FY 1998 PROGRAM
MODELS OF AIRCRAFT AFFECTED: MULTIPLE CENTER: ASC
PE. 0207253F TEAM INFO

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC CLASSI CLASS P

DESCRIPTION/JUSTIFICATION: These funds are required to provide for the modification of aircraft and airborne systems used in classified missions, which because of their sensitive nature require the application of special management and security safeguards. Special justifications are provided through classified intelligence channels.

DEVELOPMENT STATUS: N/A.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD7&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
CLASSIFIED		124.0		3.0		7.6		7.8		8.0		
TIBS		0.6										
TOTAL COST (BP-1100)		124.6		3.0		7.6		7.8		8.0		
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
ORG/INTERMEDIATE												
INITIAL LEAD TIME --												
MONTHS												
FOLLOW-ON LEAD TIME --												
MONTHS												

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*** UNCLASSIFIED ***

FACT SHEET: CLASSI MN-1001 COMPASS CALL (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDt&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
CLASSIFIED										
TIBS										
TOTAL COST (BP-1100)										

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*** UNCLASSIFIED ***

DATE 02/14/97

FY 1998 PB

MODIFICATION TITLE AND NO:	COBRA BALL	MN-1007
11 2000		

MODELS OF AIRCRAFT AFFECTED:

CENTER: ASC

DESCRIPTION/JUSTIFICATION: Classified Modification.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

RDT&E (3600)

PROCUREMENT (3010)

INSTALL KI

KITS NONRECUR

TEST EQUIPMENT

EQUIP NONREC

CHANGE ORDERS

DATA

DATA
SIM/TRAINERSIM/ INALNEK
SUPPORT-EQUIP

SUPPORT-EQUIP INSTALLATION OF HARDWARE

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION --

INITIAL LEAD TIME	-- MONTHS
1	1
2	2
3	3
4	4
5	5
6	6
7	7
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9	9
10	10
11	11
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88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

FOLLOW-ON LEAD TIME -- MONTHS

MODIFICATION OF AIRCRAFT

FY 1998 PROGRAM

EXHIBIT P3A CONGRESSIONAL

APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC CLASSI CLASS P

CLC	CLASSI	CLASS P
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
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30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
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36	36	36
37	37	37
38	38	38
39	39	39
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41	41	41
42	42	42
43	43	43
44	44	44
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46	46	46
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87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

PE 0301314F TEAM NFIP

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*** UNCLASSIFIED ***

FACT SHEET: CLASSI MN-1007 COBRA BALL (CONTINUED)
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)										
PROCUREMENT (3010)										19.9
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
TOTAL INSTALL QTY/COST										19.9
TOTAL COST (BP-1100)										

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*** UNCLASSIFIED ***

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	DATE
	FEBRUARY 1997

APPROPRIATION/BUDGET ACTIVITY AIRCRAFT PROCUREMENT AF/AIRCRAFT MODIFICATIONS				P-1 ITEM NOMENCLATURE: DARP				
	1996	1997	1998	1999	2000	2001	2002	2003
COST (In Mil)	\$51.455	\$279.446	\$67.136	\$77.220	\$77.440	\$57.321	\$65.536	\$46.316

This line item funds classified modifications to the Defense Airborne Reconnaissance Program aircraft. The overall goal of the modifications budgeted in FY98 is classified. The specific modifications budgeted and programmed are below.

CLASS	MOD NR	MODIFICATION TITLE	FY-96	FY-97	FY-98	FY-99	FY-00	FY-01	FY-02	FY-03	COST TO GO	TOTAL PROG.
P	3009R	REENGINE	46.5	99.9								146.3
	4263	RIVET JOINT		65.2	61.1	69.1	68.8	49.4	56.5	36.6		406.7
	4265	COMBAT SENT		1.0	6.0	8.2	8.7	7.9	9.0	9.7		50.5
	4480	FLEET EXPANSION		41.7								41.7
	4485	RC-135 SENSOR MODIFICATIONS		10.0								10.0
	4486	U-2 REPAIRS		5.0								5.0
	4487	SR-71		9.0								9.0
	4488	U-2 SYERS		10.0								10.0
	4489	U-2 SENSOR CONVERSION		37.7								37.7
DATAIK		DATA LINK	5.0									18.5
		CLASS P TOTAL FOR DARP	51.5	279.4	67.1	77.2	77.4	57.3	65.5	46.3		
TOTAL FOR DARP			51.5	279.4	67.1	77.2	77.4	57.3	65.5	46.3		

Totals may not add due to rounding.

	P-1 SHOPP LIST ITEM NO. 060	PAGE NO.	541
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UNCLASSIFIED

DATE 02/14/97
 FY 1998 PB
 MODIFICATION TITLE AND NO: REENGINE MN-3009R
 MODELS OF AIRCRAFT AFFECTED: RC-135
 CENTER: ASC
 PE 0305207F TEAM INFO
 EXHIBIT P3A CONGRESSIONAL
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLC DARP CLASS P

DESCRIPTION/JUSTIFICATION: Modifies RC-135 aircraft with more powerful, fuel efficient F108 (CFM-56) engines, allowing takeoff on shorter runways with higher gross weights. The cleaner, quieter F108 engines meet or exceed all noise and pollution standards. Over 25 other systems/sub-systems, including the landing gear, will extend the life of these aircraft into the 21st Century.

AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: Engineering activities underway.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)						31.2						
PROCUREMENT (3010)												
INSTALL KITS			2			17.9	4	42.3				
KITS NONRECUR												
EQUIPMENT			(2)			28.6	(4)	57.6				
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-96 2 KITS												
FY-97 4 KITS												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)			2			46.5	4	99.9				
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT												
INITIAL LEAD TIME -- 24 MONTHS												
FOLLOW-ON LEAD TIME -- 24 MONTHS												

*** UNCLASSIFIED ***

FACT SHEET: DARP MN-3009R REENGINE (CONTINUED)

(CONTINUED)									
PROJECTED FINANCIAL PLAN (CONTINUED)									
FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
RD&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS								6	60.2
KITS NONRECUR									
EQUIPMENT									86.2
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-96 2 KITS									
FY-97 4 KITS									
TOTAL INSTALL QTY/COST									
TOTAL COST (BP-1100)								6	146.3
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96 FY-97									
CONTRACT-DATE (QTR/FY)		4/96	1/97						
DELIVERY-DATE (QTR/FY)		4/98	1/99						

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: RIVET JOINT MN-4263
MODELS OF AIRCRAFT AFFECTED: RC-135
CENTER: ASC
PE 0305207F TEAM INFO

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

DESCRIPTION/JUSTIFICATION: Procures and installs various classified modifications on RC-135 aircraft.
DEVELOPMENT STATUS: Classified in nature. Development status can be provided upon request.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE												
INITIAL LEAD TIME -- 12 MONTHS												
FOLLOW-ON LEAD TIME -- 12 MONTHS												

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FACT SHEET: DARP MN-4263 RIVET JOINT
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS		49.4		56.5		36.6				406.7
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
TOTAL COST (BP-1100)		49.4		56.5		36.6				406.7

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: COMBAT SENT MN-4265
MODELS OF AIRCRAFT AFFECTED: RC-135U
DESCRIPTION/JUSTIFICATION: Classified modification.
AIRCRAFT BREAKDOWN: Active -- 2 RES -- 0 ANG -- 0
DEVELOPMENT STATUS:

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P
CENTER: ASC
PE 0305207F TEAM INFO

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)												
PROCUREMENT (3010)												
INSTALL KITS						1.0		6.0		8.2		8.7
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION -- ORG/INTERMEDIATE
INITIAL LEAD TIME -- 12 MONTHS
FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: DARP MN-4265 COMBAT SENT
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)									
FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDT&E (3600)									
PROCUREMENT (3010)									
		7.9		9.0		9.7		50.5	
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
		7.9		9.0		9.7		50.5	
TOTAL COST (BP-1100)									
(TOTALS MAY NOT ADD DUE TO ROUNDING.)									
MILESTONES									
FY-96	FY-97	FY-98	FY-99	FY-00	FY-01				
		2/97	1/98	1/99	1/99	1/01			
CONTRACT-DATE (QTR/FY)		2/97	1/99	1/00	1/01	1/02			
DELIVERY-DATE (QTR/FY)									

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: FLEET EXPANSION MN-4480
MODELS OF AIRCRAFT AFFECTED: RC-135V/W
DESCRIPTION/JUSTIFICATION: This mod converts two C-135B aircraft to RC-135V/W Rivet Joint configuration. Specifica modifications are classified.
DEVELOPMENT STATUS:
PROJECTED FINANCIAL PLAN
RDT&E (3600)

MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P
CENTER: ASC
PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: This mod converts two C-135B aircraft to RC-135V/W Rivet Joint configuration. Specifica modifications are classified.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
INSTALL KITS					1	41.7						
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS					1	41.7						
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)					1	41.7						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION --
INITIAL LEAD TIME -- MONTHS
FOLLOW-ON LEAD TIME -- MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: DARP MN-4480 FLEET EXPANSION
PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)					
PROCUREMENT (3010)					
INSTALL KITS				1	41.7
KITS NONRECUR					
EQUIPMENT					
EQUIP NONREC					
CHANGE ORDERS					
DATA					
SIM/TRAINER					
SUPPORT-EQUIP					
INSTALLATION OF HARDWARE					
FY-97 1 KITS					
TOTAL INSTALL QTY/COST				1	41.7
TOTAL COST (BP-1100)					

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*** UNCLASSIFIED ***

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*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: RC-135 SENSOR MODIFICATIONS MN-4485
MODELS OF AIRCRAFT AFFECTED: RC-135V/W
CENTER: ASC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P
PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to engineer and install sensor modifications. These modifications are necessary for the aircraft to maintain its mission effectiveness against changing mission requirements.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)												
PROCUREMENT (3010)					1	10.0						
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS												
TOTAL INSTALL QTY/COST					1	10.0						
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- MONTHS												
FOLLOW-ON LEAD TIME -- MONTHS												

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*** UNCLASSIFIED ***

FACT SHEET: DARP MN-4485 RC-135 SENSOR MODIFICATIONS
PROJECTED FINANCIAL PLAN (CONTINUED) (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD7&E (3600)										
PROCUREMENT (3010)										
INSTALL KITS									1	10.0
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE, ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
FY-97 1 KITS										
TOTAL INSTALL QTY/COST										
TOTAL COST (BP-1100)									1	10.0

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*** UNCLASSIFIED ***

*** UNCLASSIFIED ***

DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: U-2 REPAIRS MN-4486
MODELS OF AIRCRAFT AFFECTED: U-2
CENTER: ASC
PE 0305207F TEAM INFO
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to engineer and install sensor modifications. These modifications are necessary for the aircraft to maintain its mission effectiveness against changing mission requirements.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)						

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER
SUPPORT-EQUIP

INSTALLATION OF HARDWARE
FY-97 1 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)

METHOD OF IMPLEMENTATION: INSTALLATION --
INITIAL LEAD TIME --- MONTHS

FOLLOW-ON LEAD TIME --- MONTHS

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*** UNCLASSIFIED ***

FACT SHEET: DARP MN-4486 U-2 REPAIRS (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

(CONTINUED)									
FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
RDT&E (3600)									
PROCUREMENT (3010)									
INSTALL KITS									
KITS NONRECUR									
EQUIPMENT									
EQUIP NONREC									
CHANGE ORDERS									
DATA									
SIM/TRAINER									
SUPPORT-EQUIP									
INSTALLATION OF HARDWARE									
FY-97	1	KITS							
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL INSTALL QTY/COST									
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL COST (BP-1100)									
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
						1		1	5.0

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: SR-71 MN-4487
MODELS OF AIRCRAFT AFFECTED: U-2
CENTER: ASC
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P

PE 0305207F TEAM INFO
DESCRIPTION/JUSTIFICATION: Specific modifications are classified. The funding will be used to engineer and install sensor modifications.
These modifications are necessary for the aircraft to maintain its mission effectiveness against changing mission requirements.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RT&E (3600)												
PROCUREMENT (3010)					1	9.0						
INSTALL KITS												
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 1 KITS												
TOTAL INSTALL QTY/COST					1	9.0						
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												
METHOD OF IMPLEMENTATION: INSTALLATION --												
INITIAL LEAD TIME -- MONTHS												
FOLLOW-ON LEAD TIME -- MONTHS												

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(CONTINUED)

FACT SHEET: DARP MN-4487 SR-71
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
	QTY	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT	AMT
RD7&E (3600)					
PROCUREMENT (3010)					
INSTALL KITS					
KITS NONRECUR					
EQUIPMENT					
EQUIP NONREC					
CHANGE ORDERS					
DATA					
SIM/TRAINER					
SUPPORT-EQUIP					
INSTALLATION OF HARDWARE					
FY-97 1 KITS					
TOTAL INSTALL QTY/COST					
TOTAL COST (BP-1100)					

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: U-2 SYERS MN-4488
EXHIBIT P3A CONGRESSIONAL
MODIFICATION OF AIRCRAFT
FY 1998 PROGRAM
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARF CLASS P

MODELS OF AIRCRAFT AFFECTED: U-2
CENTER: ASC
PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Modifies Senior Year Electro-Optical System (SYERS) to gain geolocal accuracy to support PGM targeting.
Modifies fleet to a common Multi-Spectral Imagery (MSI) configuration.

DEVELOPMENT STATUS:

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD4E (3600)												
PROCUREMENT (3010)												
INSTALL KITS					6	10.0						
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
FY-97 6 KITS									(6)			
TOTAL INSTALL QTY/COST												
					6	10.0			6			
TOTAL COST (BP-1100)												
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION --- DEPOT

INITIAL LEAD TIME -- 12 MONTHS

FOLLOW-ON LEAD TIME -- 12 MONTHS

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(CONTINUED)

FACT SHEET: DARF MN-4488 U-2 SYERS
PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01	FY-02	FY-03	TO COMP	TOTAL
	QTY	QTY	QTY	QTY	QTY
	AMT	AMT	AMT	AMT	AMT

RD7&E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA

SIM/TRAINER

SUPPORT-EQUIP

INSTALLATION OF HARDWARE

FY-97 6 KITS

TOTAL INSTALL QTY/COST

TOTAL COST (BP-1100)

(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

CONTRACT-DATE (QTR/FY)

DELIVERY-DATE (QTR/FY)

INSTALLATION SCHEDULE:

QUARTERS

INPUT

OUTPUT

1 2 3 4 1 2 3 4 1 2 3 4

2 2 2 2 2 2 2 2

2 2 2 2

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 DATE 02/14/97
 EXHIBIT P3A CONGRESSIONAL
 MODIFICATION OF AIRCRAFT
 FY 1998 PROGRAM
 APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
 CLASS P
 CLC DARP
 PE 0305207F TEAM INFO
 MODELS OF AIRCRAFT AFFECTED: U-2
 CENTER: ASC
 MODIFICATION TITLE AND NO: U-2 SENSOR CONVERSION MN-4489

DESCRIPTION/JUSTIFICATION: Converts older U-2 Sensors to a common baseline configuration.
 DEVELOPMENT STATUS: None.

PROJECTED FINANCIAL PLAN

	PRIOR	FY-96	FY-97	FY-98	FY-99	FY-00
	QTY	AMT	QTY	AMT	QTY	AMT
RD&E (3600)						
PROCUREMENT (3010)			3	37.7		
INSTALL KITS						
KITS NONRECUR						
EQUIPMENT						
EQUIP NONREC						
CHANGE ORDERS						
DATA						
SIM/TRAINER						
SUPPORT-EQUIP						
INSTALLATION OF HARDWARE						
FY-97 3 KITS				(3)		
TOTAL INSTALL QTY/COST			3	37.7		
TOTAL COST (BP-1100)						
(TOTALS MAY NOT ADD DUE TO ROUNDING.)						

METHOD OF IMPLEMENTATION: INSTALLATION -- DEPOT
 INITIAL LEAD TIME -- 12 MONTHS
 FOLLOW-ON LEAD TIME -- 12 MONTHS

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FACT SHEET: DARP MN-4489 U-2 SENSOR CONVERSION (CONTINUED)

FY-01		FY-02		FY-03		TO COMP		TOTAL	
QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT

RD14E (3600)

PROCUREMENT (3010)

INSTALL KITS
KITS NONRECUR
EQUIPMENT
EQUIP NONREC
CHANGE ORDERS
DATA
SIM/TRAINER
SUPPORT-EQUIP
INSTALLATION OF HARDWARE

FY-97	3	KITS						(3)	
TOTAL INSTALL QTY/COST								3	37.7

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

FY-96	FY-97	FY-98
-----	-----	-----
CONTRACT-DATE (QTR/FY)	3/97	
DELIVERY-DATE (QTR/FY)	3/98	

INSTALLATION SCHEDULE: FY-96 FY-97 FY-98

QUARTERS	1	2	3	4	1	2	3	4
INPUT							3	
OUTPUT								3

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DATE 02/14/97
FY 1998 PB
MODIFICATION TITLE AND NO: DATA LINK MN-DATALK
MODELS OF AIRCRAFT AFFECTED: SR-71
CENTER: ASC
EXHIBIT P3A CONGRESSIONAL
APPROPRIATION: AIRCRAFT PROCUREMENT, AIR FORCE
CLC DARP CLASS P
PE 0305207F TEAM INFO

DESCRIPTION/JUSTIFICATION: Dollars represent data link installation, aircraft common support equipment, components, peculiar ground support equipment, engineering data, and other related modification costs as directed by DARP.
AIRCRAFT BREAKDOWN: Active -- 3 RES -- 0 ANG -- 0

DEVELOPMENT STATUS: N/a.

PROJECTED FINANCIAL PLAN

	PRIOR		FY-96		FY-97		FY-98		FY-99		FY-00	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RD1&E (3600)												
PROCUREMENT (3010)												
INSTALL KITS		13.5										
KITS NONRECUR												
EQUIPMENT												
EQUIP NONREC												
CHANGE ORDERS												
DATA												
SIM/TRAINER												
SUPPORT-EQUIP												
INSTALLATION OF HARDWARE												
TOTAL INSTALL QTY/COST												
TOTAL COST (BP-1100)		13.5		5.0								
(TOTALS MAY NOT ADD DUE TO ROUNDING.)												

METHOD OF IMPLEMENTATION: INSTALLATION -- CONTRACTOR FACILITY
INITIAL LEAD TIME -- 6 MONTHS

FOLLOW-ON LEAD TIME -- 6 MONTHS

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FACT SHEET: DARP MN-DATALK DATA LINK (CONTINUED)

PROJECTED FINANCIAL PLAN (CONTINUED)

	FY-01		FY-02		FY-03		TO COMP		TOTAL	
	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT	QTY	AMT
RDTE (3600)										
PROCUREMENT (3010)										18.5
INSTALL KITS										
KITS NONRECUR										
EQUIPMENT										
EQUIP NONREC										
CHANGE ORDERS										
DATA										
SIM/TRAINER										
SUPPORT-EQUIP										
INSTALLATION OF HARDWARE										
TOTAL INSTALL QTY/COST										18.5

TOTAL COST (BP-1100)
(TOTALS MAY NOT ADD DUE TO ROUNDING.)

MILESTONES

	FY-95	FY-96
CONTRACT-DATE (QTR/FY)	2/95	2/96
DELIVERY-DATE (QTR/FY)	4/95	1/97

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